BUREAU OF WATER

South Carolina Department of Health and Environmental Control

STATE OF SOUTH CAROLINA MONITORING STRATEGY

FOR
CALENDAR YEAR 2007

Technical Report No. 001-07

D H E C

PROMOTE PROTECT PROSPER

South Carolina Department of Health and Environmental Control

State of South Carolina
Monitoring Strategy
For
Calendar Year 2007

Technical Report No. 001-07
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TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

1.0 PROJECT MANAGEMENT

1.1 Introduction/Background

This monitoring strategy establishes the overall goals and objectives for those key elements of the South Carolina Department of Health and Environmental Control (SCDHEC) water quality monitoring program to achieve the goals of the South Carolina Pollution Control Act (PCA), the federal Clean Water Act (CWA), and implement applicable State and Federal regulations. Under the PCA and CWA, SCDHEC has been delegated certain water quality monitoring responsibilities. These include water quality assessment, regulatory monitoring, and program evaluation as needed to fulfill the requirements of the aforementioned Acts. This strategy also serves to document these monitoring activities within the framework presented in the EPA guidance Elements of a State Water Monitoring and Assessment Program (USEPA, 2003). This monitoring strategy document, in conjunction with the referenced field and laboratory Standard Operating Procedures (SOPs), also serves as the Quality Assurance Project Plan for the ambient surface water quality monitoring program.

State administrators need to assess the quality of the aquatic environment so that they can make decisions concerning water program priorities and provide reports to the public on the state of the environment, important trends over time, and accomplishments. They also need to evaluate the effectiveness of control measures. Water quality monitoring data provide information necessary to meet these needs. While there are different approaches and philosophies of water quality monitoring, monitoring is not an end in itself but is only a catalyst to spur decisions regarding achievable and desirable resource use alternatives. Monitoring alone does not achieve protection and restoration of water quality. Just because something is monitored does not mean conditions will automatically improve. Monitoring data serves as a tool to assess conditions, to suggest where corrective actions may be necessary, and evaluate the results of those actions. Monitoring data serves as the foundation for informing the Department's water quality decision-making responsibilities.

"Ambient monitoring" refers to monitoring of general surroundings, and includes the set of activities that provide chemical, physical, geological, and biological data about general conditions in the environment. For the purpose of this strategy, water quality monitoring is limited to those activities involved in the State implementation of the PCA and CWA in inland and coastal waters. "Regulatory monitoring" is the collection and analysis of data needed for establishing environmental quality-based permit requirements and for assessing and enforcing compliance with permits. "Regulatory monitoring" also provides data necessary for addressing environmental quality-based assessments of ambient water related to point source and nonpoint source influences.

In general, the water quality monitoring activities need to answer key questions about the overall quality of waters in the South Carolina, changes in water quality over time, where there are problem areas and areas needing additional protection, the level of protection needed, and the effectiveness of specific clean water projects and programs. However, monitoring is actually a multifaceted discipline with many program areas conducting monitoring activities to fulfill specific objectives: fish tissue monitoring to develop, track, and update fish consumption advisories; ocean monitoring

to issue timely beach swimming advisories; shellfish sanitation monitoring to determine the harvesting status of the numerous shellfish beds in the state; macroinvertebrate monitoring to determine the health of biological communities of specific waterbodies; ambient surface water monitoring to assess compliance with water quality standards and examine long-term trends at a variety of scales; ambient groundwater monitoring to assess water quality across the major aquifers of the state; National Pollutant Discharge Elimination System (NPDES) discharge monitoring to ensure facilities are in compliance with their permit limits; and special studies for more intensive investigation of specific issues.

Therefore it is necessary to use these varied monitoring activities as the vehicle for a cohesive, inter-related approach to water quality management via these diverse types of data. It is through the monitoring programs that sample acquisition, data management/reporting, program needs, committed tasks, and other such Departmental functions all meet. Thus, it is at this natural point of confluence that much opportunity is afforded for integration of sometimes apparently non-related tasks or programs into a step-wise, interrelated approach to the protection of water quality in the State. A great deal of attention to each of those "facets" is required in order for the resulting data to be of the most benefit. As a result, many of the aforementioned programs collect additional samples as part of their activities for the analysis of constituents beyond those required to fulfill their specific objectives. For example, beyond the parameters that can be directly compared to numeric state water quality standards, the Ambient Surface Water Physical & Chemical Monitoring program collects information on additional parameters that are used by the NPDES permit writers and the Wasteload Allocation Modeling Section to define background conditions and to establish limits for what can safely be discharged by a wastewater treatment facility.

1.2 Monitoring Objectives

The information resulting from these monitoring activities are integrated and considered together in various decision-making processes. The incorporation of various data sources allows the Department to address broader objectives. Specific objectives of SCDHEC's water quality monitoring strategy include:

1.2.1 Determining water quality standards attainment

The primary goal is the attainment and maintenance of fishable/ swimmable waters wherever possible as mandated by the Clean Water Act (CWA). This includes evaluation of water quality conditions against State Standards, encompassing both numeric and narrative criteria defining designated uses. In evaluating the degree of support of these goals consideration is given to chemical specific data from all components of the Ambient Surface Water Physical & Chemical Monitoring Program, including Chlorophyll Monitoring data, Macroinvertebrate Bioassessment results, the occurrence of fish consumption advisories or shellfish harvesting limitations, and the results of intensive surveys and special water quality studies. The conclusions from such evaluations can range spatially from a very localized stream segment to entire waterbodies, to entire statewide resource condition using the probability-based monitoring data. The results of such assessments are reported in the Watershed Water Quality Assessment documents, and the State of South Carolina Integrated Report for 2004, which addresses related CWA reporting requirements for §305(b) and

§314. Please refer to the individual program area descriptions that follow for more details and references or links to published documentation. Results from the Ocean Water Monitoring program are used independently in issuing swimming advisories at coastal beaches.

1.2.2 Identifying impaired waters

Through the water quality standards attainment evaluations, waters or portions of waterbodies may be identified that are not attaining all State Standards. When this evaluation is conducted specifically for the biennial development of the State of South Carolina Integrated Report, such waters are determined to be "impaired" and are included in the section listing impaired waters which serves to address §303(d) reporting requirements of the CWA. The State of South Carolina Integrated Report for 2004 Part I: Listing of Impaired Waters can be found at:

http://www.scdhec.net/water/html/tmdl.html#303d.

1.2.3 Identifying causes and sources of water quality impairments

Through the process of determining water quality standards attainment and identifying impaired waters a reason for listing a waterbody as impaired. In many cases it is a physical or chemical parameter that is not in compliance with the State Standards, or the cause of nonsupport, and work begins to identify the source from which it originates. In other cases the reason for listing may be more complex, such as alteration to the aquatic macroinvertebrate community, and the specific cause for the alteration may not be immediately apparent. In such instances a specific cause must be identified before a source can be targeted for control. In instances where a cause of impairment or source for the cause is not readily apparent special studies or intensive surveys are designed to help determine the causes and sources of nonsupport of designated uses. The data typically collected during such surveys can be physical and chemical water quality parameters, hydraulic stream characteristics, biological community sampling, effluent and compliance sampling, and toxicity testing.

1.2.4 Establishing, reviewing, and revising water quality standards

Data collected by the monitoring activities are used in the development of designated use classifications and water quality standards, which are in turn used to establish waterbody-specific use classifications. Review of these ambient data help determine if existing water quality in a classified water is adequate to protect existing and designated uses and if appropriate standards have been set. Used in such a manner, ambient data provide valuable feedback to the NPDES permit writing sections as an indication of the need for further discharge restrictions.

The ambient data serve to help the refinement of standards and use classifications and, in the absence of numeric criteria, identify and establish appropriate background levels to set standards for additional pollutants. An example is the recent addition of ecoregion specific numeric nutrient and chlorophyll standards for lakes and reservoirs. Ambient data collected statewide as part of the Ambient Surface Water Physical & Chemical Monitoring and Chlorophyll Monitoring programs over a period of many years was used as the basis for identifying ecoregional differences and ranges and were eventually used to set the final numeric standards. A similar process is underway to develop numeric nutrient and chlorophyll standards for estuarine waters.

1.2.5 Supporting the implementation of water management programs

The SCDHEC Bureau of Water focuses its program activities using a Watershed Water Quality Management Program, as described in the Program Description, 1995. Watershed water quality management recognizes the interdependence of water quality and all the activities that occur in the associated drainage basin including point source discharges, nonpoint source contributions, and land use characteristics. SCDHEC's Watershed Water Quality Management Program is dependent upon water quality data as the foundation for development of watershed management plans and implementation strategies on a rotational cycle for each of the eight major basins in the State. These strategies serve to refocus water quality protection efforts including monitoring, assessment, problem identification and prioritization, wasteload allocation monitoring, planning, permitting, and other agency activities.

1.2.6 Supporting the evaluation of program effectiveness

By integrating all of the monitoring activities described herein it is possible to identify the sources of pollution and the reasons for nonattainment of designated uses, to address specific issues, determine the efficiency of pollution abatement programs, and allow administrative overview of program effectiveness.

1.2.7 Monitoring for Water Quality-Based Controls

The development of discharge controls based on receiving water quality is a very high priority. It involves the collection and analysis of effluent and ambient data to develop water quality-based National Pollutant Discharge Elimination System (NPDES) permit limits. This may involve the calculation of Total Maximum Daily Loads (TMDL) for specific waterbodies and Wasteload Allocations (WLA) for point source discharges.

SCDHEC uses long-term ambient monitoring data and special study data, especially intensive survey data, in developing WLAs and TMDLs. The kinds of data collected for this type of monitoring may include physical and chemical characterization of effluent and receiving waters, stream hydraulics, macroinvertebrate and fish community assessment of the receiving stream, periphyton/phytoplankton sampling, and toxicity bioassays of effluents and receiving waters.

The data are used by the Water Quality Modeling Section in predictive mathematical models to help determine waste treatment levels needed to maintain instream standards. The modeling results are then passed to engineers in the Water Facilities Permitting, and Industrial, Agricultural, and Stormwater Permitting Divisions to be used as the basis for setting final NPDES permit limits. The ambient monitoring data are also used directly by the engineers the Water Facilities Permitting, and Industrial, Agricultural, and Stormwater Permitting Divisions to establish background conditions for conservative and/or toxic pollutant NPDES permit limits.

1.2.8 Monitoring for NPDES Permit Compliance and Enforcement

The NPDES permit is the principal regulatory tool for controlling the quantity of pollutants

discharged to the State's waters and for obtaining data on point-source discharges. Data supplied by the discharger in the form of routine Discharge Monitoring Reports (DMR) and data collected by SCDHEC personnel from Compliance Sampling Inspections (State CSI and Federal 3560), Federal Compliance Evaluation Inspections (CEI), State Operation and Maintenance Inspections (O&M), Performance Audit Inspections (PAI), Technical Assistance Evaluations, and Pretreatment Program Audit and Inspections are reviewed by the Pollution Source Compliance Section to determine the compliance status of a discharger.

In all instances of effluent noncompliance, enforcement actions are supported by all of the above data supplied by the Pollution Source Compliance Section and all ambient monitoring, special studies, and biological monitoring data supplied by the Water Quality Monitoring and Aquatic Biology Sections. The Bureau of Environmental Services personnel conduct the majority of the routine inspections and physico-chemical ambient monitoring activities. Data secured and supplied by these monitoring activities are utilized in the majority of SCDHEC's Environmental Quality Control enforcement activities.

1.2.9 Making Data Readily Available

The last major consideration that has been given to developing a successful monitoring program by South Carolina is the identification of the users of data or the sources of data requests. In South Carolina, this group is quite diverse ranging from individual citizens to public interest groups to various local/state/federal agencies. Data users are:

- Departmental program areas (e.g., domestic wastewater engineers)
- Water quality trend/ambient condition analysts
- Wasteload allocation analysts
- Public/private environmental groups
- Public at large
- Other local/state/federal agencies (regulatory & non-regulatory)
- Departmental administrators via program area outputs

While this large group utilizes the data for different reasons, the Department uses and applies the data to the intermediate objectives and goals as previously discussed. This is done to ascertain whether progress is being made toward successful achievement of these goals and to make correct and appropriate decisions regarding maintenance and enhancement of desirable environmental quality in the State.

Implicit in the identification of users of the data, whether in-Department or out-of-Department, is the capacity to communicate the data to interested parties efficiently and accurately. Technical reports or internal memoranda are produced for every special study and copies are available to any interested organization or persons. A list of technical reports is available upon request. The reports required under CWA §303(d) and §305(b) and most of the major water quality assessment reports, including the Watershed Water Quality Assessments, are available on the Bureau of Water website, http://www.scdhec.net/water/. Raw data from the Ambient Surface Water Physical & Chemical Monitoring, Ocean Water Monitoring, Shellfish Monitoring, and Groundwater Monitoring activities are available online in the EPA STORET environmental data system at http://www.epa.gov/storet/.

Special studies and biological data are available in several formats through the Water Quality Monitoring and Biological Monitoring Sections. Specific data storage guidelines are addressed in the data management section of each type monitoring design.

Thus, water quality assessment is a broad term describing a multitude of monitoring and sampling activities. Water quality assessment data can be used to fulfill a variety of goals; assessment of current conditions, assessment of long-term trends, determination of priority waterbodies, determination of waterbody designated use attainment or nonsupport, and identification of continuing or emerging problem areas.

By integrating all of these monitoring programs it is possible to identify the sources of pollution and the reasons for nonattainment of designated uses, to address specific issues, determine the efficiency of pollution abatement programs, and allow administrative overview of program effectiveness.

1.3 Project Organization

To accomplish the objectives of the State of South Carolina Monitoring Strategy, 2007 several key individuals are identified below with their role and responsibilities.

1.3.1 Program Coordinator/Project Manager (Central Office)

The Program Coordinator/Project Manager is responsible for the oversight of the Ambient Water Quality Monitoring Program. This includes insuring consistency between Regional Offices and resolving any discrepancies in the sampling and notification programs. The Program Coordinator is also responsible for the overall data management and reporting to EPA. The Program Coordinator reports directly to management.

1.3.2 Manager, Office of Quality Assurance (Central Office)

The Manager of the Office of Quality Assurance is responsible for the oversight of all quality assurance activities associated with the DHEC sampling and analysis SOPs. The QA Manager will resolve any issues when corrective actions are needed to address data quality issues involving DHEC staff and SOPs. The QA Manager reports directly to management.

1.3.3 Monitoring Program Manager (Central/Regional Office)

Each Monitoring Program Manager is responsible for local oversight of the ambient water quality monitoring program. Program Managers insure sampling is conducted as outlined in the Monitoring Strategy and report any problems to the Program Coordinator. The Monitoring Program Manager reports directly to management.

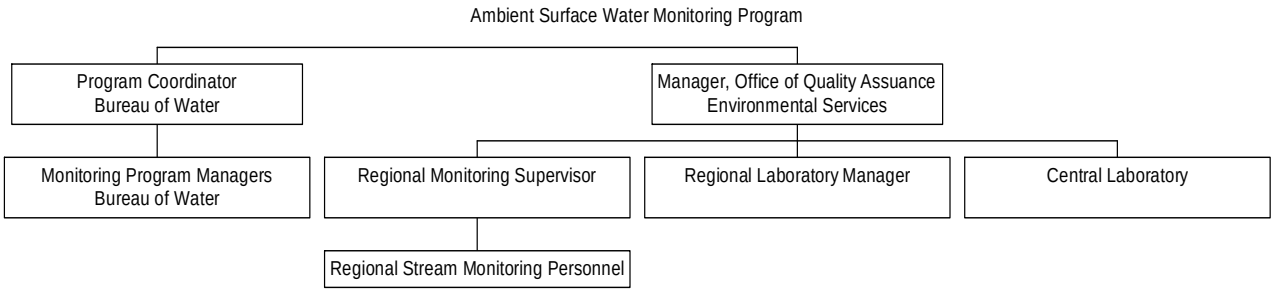
1.3.4 Laboratory Manager (Central/Regional Office)

Each Laboratory Manager is responsible for overseeing the operations of the laboratory and assuring compliance with laboratory SOPs and quality control procedures. Laboratory Managers review, verify, and release lab data from the laboratory. Lab managers report directly to management.

1.3.5 Monitoring Staff (Central/Regional Office)

Monitoring staff are responsible for proper sample collection and transport of samples by adhering to applicable SOPs. Monitoring staff report to the Central/Regional Office Program Manager.

1.3.6 Project Organizational Chart



1.4 Project/Task Description

1.4.1 USEPA Elements of a State Water Monitoring and Assessment Program

CWA Section 106(e)(1) requires the Environmental Protection Agency (EPA) to determine that a State is monitoring the quality of navigable waters, compiling, and analyzing data on water quality and including it in the State's Section 305(b) report prior to the award of Section 106 grant funds. The USEPA Elements of a State Water Monitoring and Assessment Program is meant to serve as the framework for evaluating how state monitoring programs accomplish this task. The individual Elements identified in the EPA document that a state program should address include:

- Monitoring Program Strategy
- Monitoring Objectives
- Monitoring Design
- Core and Supplemental Water Quality Indicators
- Quality Assurance
- Data Management
- Data Analysis/Assessment
- Reporting
- Programmatic Evaluation
- General Support and Infrastructure Planning

It is therefore primarily directed at monitoring activities used to address the determination of designated use support from the viewpoint of §303(d) and §305(b) of the CWA, and specifically to ambient monitoring activities as opposed to compliance related monitoring.

As alluded to above and described in more detail in the following sections of this document, the Department conducts a great deal of additional water monitoring, that while not specifically used for those purposes, is nonetheless critical to carrying out the overall mission of protection and

restoration of water quality in the State. Some of the Elements can be broadly applied to all of the Department's ambient monitoring activities, others are more appropriately addressed by the individual program area, and some are applicable at both levels. For example, the Department's overall objectives are general and applicable to multiple program outcomes, but each program may also have very specific objectives for their monitoring activities. The monitoring design may be different for different programs and some programs may employ more than one monitoring design to accomplish multiple objectives. Therefore each ambient monitoring program area is organized with sections titled by Element and some of these sections may refer to a separate encompassing discussion of specific Elements.

1.4.2 Core and Supplemental Water Quality Indicators (Measurements)

Water quality indicators are the means to measure achievement of desired designated uses such as support and maintenance of aquatic life, suitability for recreation, and fish and shellfish consumption.

Core indicators are considered most important for directly assessing water quality standards (WQS) attainment as they relate to the designated uses. The set of core indicators is generally used for initial water quality assessments and are applied consistently over broad scales, e.g. statewide or basinwide. The core set of indicators usually includes physical, chemical, and biological measures of a waterbody (Table 1).

Supplemental indicators generally do not have specific water quality standards, but may help suggest sources that might cause or contribute to nonattainment of designated uses (Table 1). They can be pollutants that lack numeric water quality standards but may be indicative of specific activities such as certain manufacturing processes, agricultural practices, current land-use patterns (i.e. type and amount of development), or historic conditions that are no longer present. See Intensive Surveys and Special Water Quality Studies section for further discussion of selection of supplemental indicators.

Assessment of designated use support often includes the use of data generated by multiple programs. More comprehensive lists of indicators are addressed under individual program descriptions.

1.4.3 Data and Field Quality Objectives and Criteria

Program specific requirements for data quality objectives and assessment methodology are included in the "Data Analysis/Assessment" discussions in Sections 2.1 through 2.5. The formal Data Quality Objectives process includes the following steps:

1. State the problem
2. Identify the decision
3. Identify inputs to the decision
4. Define the study boundaries
5. Develop a decision rule
6. Specify tolerable limits on decision error
7. Optimize the design

This document serves as an umbrella type Quality Assurance Project Plan that describes the

entire ambient monitoring program. While steps 1 and 2 are largely mandated by the USEPA, specific SCDHEC objectives are detailed in section 2.1 above.

Samples are collected and field measurements conducted by Bureau of Environmental Services personnel from the corresponding SCDHEC Regional Laboratory Office following the Environmental Investigations Standard Operating Procedures and Quality Assurance Manual (SCDHEC, 2006).

The Bureau of Environmental Services, Analytical and Radiological Environmental Services Division analyzes the resulting chemical and microbiological samples. Specific performance and measurement criteria are addressed in each field and analytical SOP. Acceptance criteria for reporting results is also stated in each SOP. Results are recorded to three significant figures for most field and laboratory measurements and reported to two significant figures in the Laboratory Information Management System, LIMS. Detection limits for all analytical measurements may be referenced in Section IV-J of the Procedures and Quality Control Manual for Chemistry Laboratories, 2005. Section II-A of the lab manual addresses control of analytical performance. Precision, accuracy, data verification, data quality audits, corrective actions, evaluating statistical control, and anomaly determination are covered. The Laboratory Procedures Manual for Environmental Microbiology, 1998, covers similar details for microbiological analyses. The QA Policy and criteria for assessing data quality is discussed in Section 3 of the EQC Environmental Investigations Standard Operating Procedures and Quality Assurance Manual, 2006. Training requirements for field and lab staff and a list of documents and records maintained is discussed in Section 2.6 of this strategy.

Table 1 below gives a general overview of the Core and Supplemental Indicators that may be routinely collected and analyzed. Greater detail is included in Appendix D.

The study boundary, Step 4, is the entire state of South Carolina. Detailed lists of the monitoring site locations are included in Appendices A, E, F, G, and H.

The Assessment Methodology applied as the decision rule, Step 5, is documented in the *State of South Carolina Integrated Report for 2006 Part I: Listing of Impaired Waters*, available on the SCDHEC website at http://www.scdhec.net/water/tmdl/index.html#303d.

Steps 6 and 7 document the consequences of decision error and how to optimize the design to avoid making an erroneous decision. Section 2.1.12 details the consequences of that decision error for ambient chemical and microbiological data, Section 2.3.1.6 addresses macroinvertebrate data, and Section 2.3.2.3 addresses fish tissue data. Optimizing the design from step 7 includes corrective actions to avoid decision error.

Table 1. Core and Supplemental Indicators

Core and Supplemental Indicators				
	Aquatic Life Use Support	**Recreational Use Support**	**Fish Consumption**	**Shellfish Consumption**
Core Indicators	Dissolved Oxygen pH Turbidity Ammonia Nitrogen Cadmium Chromium Copper Lead Mercury Nickel Zinc **Additional indicators for selected wadeable stream sites:** Macroinvertebrate community condition Habitat assessment **Additional indicators for lakes**: Chlorophyll-a Total Nitrogen (Nitrate/Nitrite Nitrogen + Total Kjeldahl Nitrogen) Total Phosphorus	Fecal Coliform Bacteria Enterococcus Bacteria	Mercury in fish tissue	Fecal Coliform Bacteria

Table 1. Core and Supplemental Indicators (Cont.)

Core and Supplemental Indicators				
	Aquatic Life Use Support	**Recreational Use Support**	**Fish Consumption**	**Shellfish Consumption**
Supplemental Indicators	Water Temperature Air Temperature Depth of Sample Collection Five-Day Biochemical Oxygen Demand Nitrate/Nitrite Nitrogen Total Kjeldahl Nitrogen Total Phosphorus Alkalinity Total Organic Carbon Iron Manganese Total Suspended Solids **Additional indicators at freshwater sites where metals are collected:** Hardness **Additional indicators for lakes:** Transparency (Secchi depth) **Additional indicators at saltwater sites:** Tide Stage Specific Conductance Salinity Other chemicals of concern in water column or sediment	Other chemicals of concern in water column or sediment	Other chemicals of concern in fish tissue, water column or sediment	Other chemicals of concern in water column or sediment

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2.0 AMBIENT WATER QUALITY MONITORING SAMPLING DESIGN

Ambient Water Quality Monitoring activities are carried out as part of several different program areas, each with specific monitoring objectives. In addition to the core data required to accomplish the individual program goals, additional ancillary data are often collected that are necessary to other program areas and broader Environmental Quality Control objectives. Much of the data collected serves multiple purposes, being used by many program areas to address several EQC needs. The overall purpose of Ambient Water Quality Monitoring is to provide a system of monitoring activities that produces well defined data reflecting a variety of water quality conditions, physical, chemical and biological, in the major water resources of South Carolina, including streams, reservoirs, estuaries, and groundwater aquifers.

All sampling procedures and analyses are performed in accordance with the State Quality Assurance Management Office (SQAMO). All sample collection procedures follow the Environmental Investigations Standard Operating Procedures and Quality Assurance Manual, Sections 3, 7, 14, and 19 (SCDHEC, 2006). All laboratory analyses are performed according to Procedures and Quality Control Manual for Chemistry Laboratories--Analytical Services (SCDHEC, 2005) and Laboratory Procedures Manual for Environmental Microbiology-- Analytical Services (SCDHEC, 1998).

2.1 Ambient Surface Water Physical & Chemical Monitoring

2.1.1 Monitoring Objectives

The purpose of the Ambient Surface Physical & Chemical Monitoring Network is to provide a system of monitoring sites that are sampled in a way that produces well defined data reflecting physical and chemical conditions of the streams, reservoirs and estuaries in South Carolina.

2.1.2 Monitoring Design

There are several major components to Surface Water Physical & Chemical Monitoring, including ongoing fixed-location monitoring, cyclic watershed monitoring, and statewide probability-based monitoring, each designed to provide data for water quality assessment of major water resource types at different spatial and temporal scales.

2.1.3 Integrator Sites

Integrator Sites represent the base network of 314 permanent, fixed-location, monitoring sites (Figure 1). Integrator Sites are sampled once per month, year round, over an extended period of time, in a uniform manner to provide solid baseline data. Integrator Sites target the most downstream access of each of the Natural Resource Conservation Service (NRCS) 11-digit watershed units (WSU) in the state, as well as the major waterbody types that occur within these WSUs. For example, where a WSU ends in a major reservoir, an Integrator Site is placed in the impounded area to represent reservoir conditions, and another Integrator Site

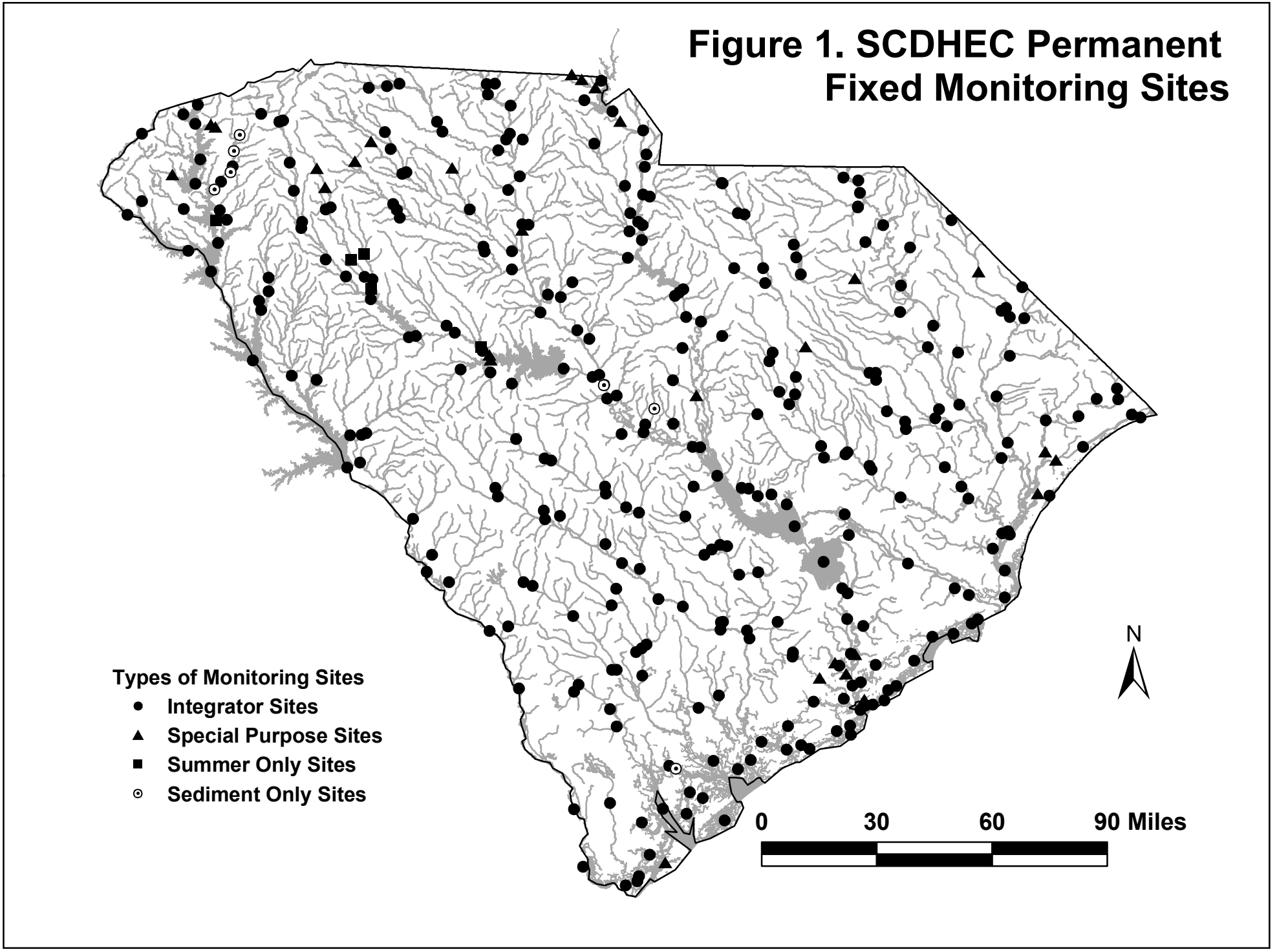


Figure 1. SCDHEC Permanent Fixed Monitoring Sites
Types of Monitoring Sites
Integrator Sites
Special Purpose Sites
Summer Only Sites
Sediment Only Sites
N
0
30
60
90 Miles

is generally placed in the main stream feeding that part of the reservoir to represent conditions in the free-flowing portion of the WSU. Similarly, in a primarily riverine WSU ending in estuarine areas at the coast, Integrator Sites may be placed in both the free-flowing freshwater portion as well as the saltwater area to represent conditions in both habitats. The result is consistent data from all WSUs in the state which can be used in tracking standards compliance and long-term trends.

Samples are collected and field measurements conducted by Bureau of Environmental Services personnel from the corresponding SCDHEC Regional Laboratory Office following the Environmental Investigations Standard Operating Procedures and Quality Assurance Manual, Sections 3, 7, 14, and 19 (SCDHEC, 2006). All laboratory analyses are performed according to Procedures and Quality Control Manual for Chemistry Laboratories--Analytical Services (SCDHEC, 2005) and Laboratory Procedures Manual for Environmental Microbiology-- Analytical Services (SCDHEC, 1998). The number of Integrator Sites per Regional Laboratory Office is:

Greenville	48	Florence	58
Aiken	52	Columbia	37
Charleston	42	Lancaster	47
Beaufort	23		

In addition, 6 Integrator Sites are collected by the Santee Cooper Public Service Authority in a cooperative effort.

Integrator Sites and location descriptions are listed by Regional Laboratory Office in Appendix A, and by waterbody name in Appendix B. Parameter coverage, frequency of analysis, and STORET parameter codes are given in Appendices C and D.

2.1.4 Special Purpose Sites

Special Purpose Sites are also permanent, fixed-location sites, but target locations of special interest to the Department that do not meet the location criteria of Integrator Sites (Figure 1). Examples of site selection criteria for establishment of Special Purpose Sites includes, but is not restricted to:

1. To track the progress of specific remediation activities.

2. To gather additional data in specific areas for the development of total Maximum Daily Loads (TMDLs).

3. To supplement the data from Integrator Sites in very large WSUs.

4. To obtain data from major tributary streams whose confluence with the main waterbody is downstream of the last accessible point in the WSU.

The majority of Special Purpose Sites (30) are also sampled once per month, year round, over an extended period of time. However, because of the specific circumstances some are intended to evaluate, this is not universal. In addition to the year-round locations, there are 5 Summer-Only Sites sampled monthly May through October to track specific reservoir eutrophication concerns. There are also 8 sites where only sediment samples are collected, once per year, to track locations where sediment contamination is a specific concern.

Samples are collected and field measurements conducted by Bureau of Environmental Services personnel from the corresponding SCDHEC Regional Laboratory Office following the Environmental Investigations Standard Operating Procedures and Quality Assurance Manual, Sections 3, 7, 14, and 19 (SCDHEC, 2006). All laboratory analyses are performed according to Procedures and Quality Control Manual for Chemistry Laboratories--Analytical Services (SCDHEC, 2005) and Laboratory Procedures Manual for Environmental Microbiology-- Analytical Services (SCDHEC, 1998). There are currently 32 year-round Special Purpose Sites distributed amongst the Regional Laboratory Offices as follows:

Greenville	8	Florence	8
Aiken	0	Columbia	1
Charleston	5	Lancaster	7
Beaufort	1		

Special Purpose Sites and descriptions are listed by region in Appendix A, and by water body name in Appendix B. Parameter coverage, sampling frequency, and STORET parameter codes are given in Appendices C and D.

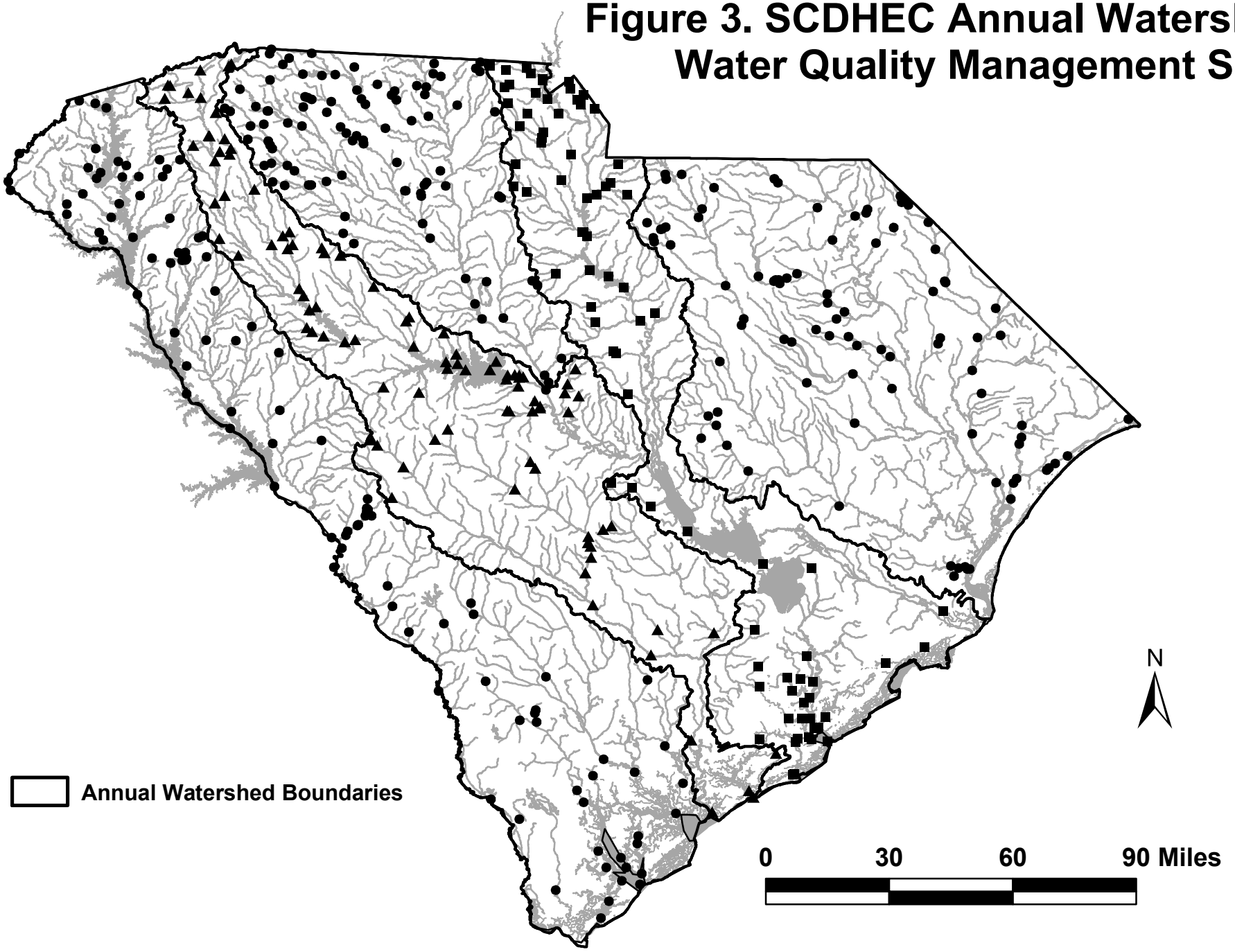
2.1.5 Watershed Water Quality Management (WWQM) Sites

Each calendar year, additional monitoring efforts are concentrated in one or more of the eight major basins in the State (Figure 2). For monitoring purposes, the Savannah and Salkehatchie basins are sampled in the same year, as are the Saluda and Edisto basins, and the Catawba and Santee basins. Because of the basin delineations, not every regional Office is involved in watershed monitoring efforts every year.

Figure 2. Watershed Water Quality Management Basins

Watershed stations are sampled once per month, for a full year, every five years, following the order of rotation for the updating of the Watershed Water Quality Assessments (Figure 3). The Catawba and Santee basins will be sampled during calendar year 2007, and the numbers below reflect the extra efforts being expended in those basins.

Figure 3. SCDHEC Annual Watershed Water Quality Management Sites



WWQM station locations are selected to target specific activities or data needs based on the following criteria:

1. Locations listed as impaired on the §303(d) list.

2. Locations with extensive historic monitoring data (e.g. primary or secondary monitoring sites under past monitoring strategies). Changes in water quality can be identified by comparison of the new data to the historic data.

3. To assess results of specific remediation activities.

4. To gather additional data in specific areas for the development of total Maximum Daily Loads (TMDLs).

Sampling of WWQM stations in the Catawba and Santee basins will begin in January 2007, and will continue at least monthly for one year. Each set of WWQM stations is sampled every five years according to the order of rotation of the Watershed Water Quality Assessment update efforts.

Samples are collected and field measurements conducted by Bureau of Environmental Services personnel from the corresponding SCDHEC Regional Laboratory Office following the Environmental Investigations Standard Operating Procedures and Quality Assurance Manual, Sections 3, 7, 14, and 19 (SCDHEC, 2006). All laboratory analyses are performed according to Procedures and Quality Control Manual for Chemistry Laboratories--Analytical Services (SCDHEC, 2005) and Laboratory Procedures Manual for Environmental Microbiology-- Analytical Services (SCDHEC, 1998). The Catawba and Santee WWQM network consists of 80 strategically located stations. The network is regionally organized with the following assignments:

Greenville	0	Florence	0
Aiken	0	Columbia	13
Charleston	28	Lancaster	37
Beaufort	0		

In addition, 2 WWQM Sites will be collected by the Santee Cooper Public Service Authority in a cooperative effort. WWQM stations and descriptions are listed by region in Appendix A, and by water body name in Appendix B. Parameter coverage, sampling frequency, and STORET parameter codes are given in Appendices C and D.

2.1.6 Probability-Based Monitoring Sites

Probability-Based monitoring is a type of a survey design in which the population of interest is sampled in a fashion that allows statements to be made about the whole population based on a subsample, and produces an estimate of the accuracy of the assessment results. The advantage of the probability-based sampling design is that statistically valid statements about

water quality can be made about large areas based on a relatively small subsample. Probability-based water quality data can be used to make inferences, with known confidence, about the condition of the water resources of the State.

A statewide probability-based, or random sampling, component is part of the Ambient Surface Water Quality Monitoring Network. Separate monitoring schemes have been developed for stream, lake/reservoir, and estuarine resources to represent the entirety of each resource type as described below. Each year a new set of probability-based sites is selected for each waterbody type. Site selection is done in association with the U.S. Environmental Protection Agency, National Health and Environmental Effects Research Laboratory (NHEERL), Corvallis, Oregon. Although statements about resource conditions can theoretically be made based on data from a single year, the compilation of data from additional years will increase the confidence and accuracy of statements about water quality. An additional advantage of the probability-based approach is that it presents the opportunity for previously unsampled locations to be selected for data collection.

Streams

Approximately 30 random sites will be sampled in streams each year (Figure 4). Some of the random locations may correspond to existing fixed or WWQM sites. Each site will be sampled monthly for one year and all will be targeted for an annual sediment sample and will also be prioritized for a macroinvertebrate community and habitat analysis. Streams of different sizes may be more or less sensitive to different types of environmental perturbations. Because of this, three stream sizes have been specifically targeted to ensure they are represented in the selected random sites.

1. First Order streams, or headwater streams, are targeted because these represent streams with the least dilution capacity and therefore are most immediately impacted by adjacent land use activities and associated runoff. These streams may also serve as spawning areas for fish and refuge areas for young from larger aquatic predators.

2. Second Order streams, which are also streams with relatively small dilution capacity and represent important habitat for reproduction and survival of aquatic life. They may also reflect the direct impacts of major land use activities.

3. Third Order and larger streams, which include the major rivers of the State. In general these streams have greater dilution capacity and are less affected by small scale land use perturbations and may be heavily utilized for contact recreation.

These different sizes do not occur in equal proportions in the state, therefore an unequal weighting procedure is used in the site selection process to guarantee inclusion of all three sizes. Taken together and using the proper weighting factors, the random stream sites can be used to make statistically valid statements about all stream resources of the State.

Samples are collected and field measurements conducted by Bureau of Environmental Services personnel from the corresponding SCDHEC Regional Laboratory Office following

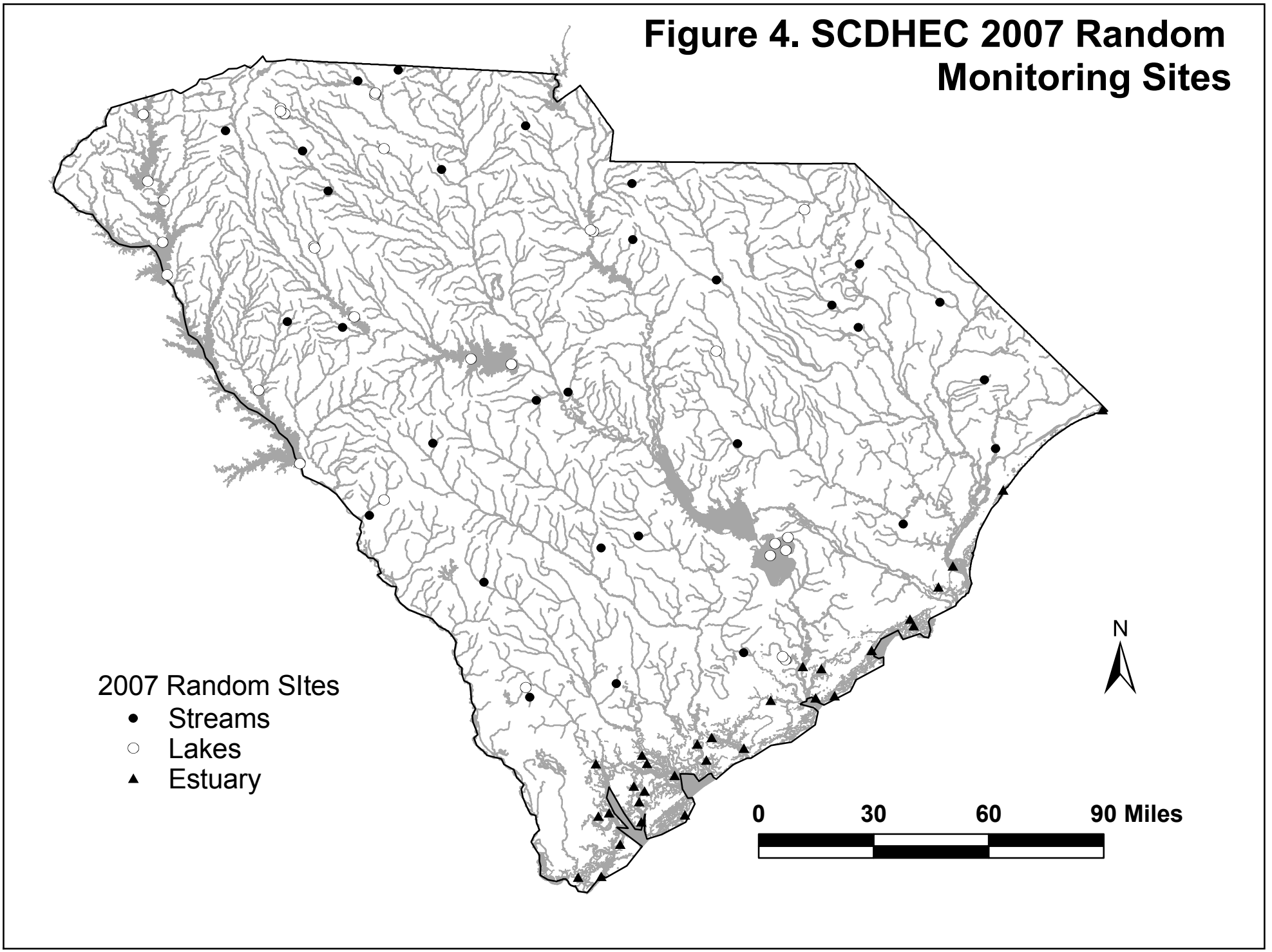


Figure 4. SCDHEC 2007 Random Monitoring Sites
2007 Random SItes
Streams
Lakes
Estuary
N
0
30
60
90 Miles

the Environmental Investigations Standard Operating Procedures and Quality Assurance Manual, Sections 3, 7, 14, and 19 (SCDHEC, 2006). All laboratory analyses are performed according to Procedures and Quality Control Manual for Chemistry Laboratories--Analytical Services (SCDHEC, 2005) and Laboratory Procedures Manual for Environmental Microbiology-- Analytical Services (SCDHEC, 1998). The 2007 Random Stream Sites are distributed by Regional Laboratory Offices as follows:

Greenville	5	Florence	6
Aiken	6	Columbia	1
Charleston	0	Lancaster	5
Beaufort	1		

Random Stream Sites and location descriptions are listed by Regional Laboratory Office in Appendix A, and by waterbody name in Appendix B. Parameter coverage, frequency of analysis, and STORET parameter codes are given in Appendices C and D.

Lakes/Reservoirs

Approximately 30 random sites will be sampled in lakes/reservoirs each year (Figure 4). Some of the random locations may correspond to existing fixed or WWQM sites. Each site will be sampled monthly for one year and all will be targeted for an annual sediment sample. Eligible lakes/reservoirs are restricted to "significant lakes", which refers to those freshwater lakes/reservoirs with at least 40 acres surface area that offer public access. The size of significant lakes/reservoirs varies immensely; therefore two size classes of lakes/reservoirs have been specifically targeted to ensure that the smaller lakes/reservoirs are represented in the selected random sites.

1. Major Lakes/Reservoirs greater than 850 acres surface area.

2. Minor Lakes/Reservoirs greater than 40 acres surface area, but less than or equal to 850 acres.

These different sizes do not occur in equal proportions in the state, therefore an unequal weighting procedure is used in the site selection process to guarantee inclusion of both sizes. Taken together and using the proper weighting factors, the random lake/reservoir sites can be used to make statistically valid statements about all lake/reservoir resources of the State.

Samples are collected and field measurements conducted by Bureau of Environmental Services personnel from the corresponding SCDHEC Regional Laboratory Office following the Environmental Investigations Standard Operating Procedures and Quality Assurance Manual, Sections 3, 7, 14, and 19 (SCDHEC, 2006). All laboratory analyses are performed according to Procedures and Quality Control Manual for Chemistry Laboratories--Analytical Services (SCDHEC, 2005) and Laboratory Procedures Manual for Environmental Microbiology-- Analytical Services (SCDHEC, 1998). The 2007 Random Lake/Reservoir Site network is regionally organized with the following assignments:

Greenville	13	Florence	0
Aiken	2	Columbia	2
Charleston	2	Lancaster	3
Beaufort	1		

In addition, 4 Random Lake/Reservoir Sites will be collected by the Santee Cooper Public Service Authority in a cooperative effort. Random Lake/Reservoir Sites and location descriptions are listed by Regional Laboratory Office in Appendix A, and by waterbody name in Appendix B. Parameter coverage, frequency of analysis, and STORET parameter codes are given in Appendices C and D.

Estuaries

The coastal estuarine probability-based monitoring scheme has been developed jointly by SCDHEC, Bureau of Water, and the South Carolina Department of Natural Resources (SCDNR), Marine Resources Research Institute (MRRI). This effort has been dubbed the South Carolina Estuarine and Coastal Assessment Program (SCECAP) and sampling of the probability-based coastal estuarine sites is a cooperative venture between SCDHEC and SCDNR-MRRI. To ensure inclusion of a variety of estuarine ecosystems and habitats, the coastal estuaries have been divided into two discrete categories (strata) based on a common GIS cover developed and utilized by both agencies.

1. Tidal Creeks, identified as less than 100 meters wide on the GIS cover, serve as nursery areas for important marine species and are most immediately affected by upland land use activities and associated runoff.

2. Open Water areas, identified as greater than 100 meters wide on the GIS cover, represent larger estuarine rivers and sounds.

Within these waterbody types there are typically two distinct types of monitoring sites based on sampling frequency, Core Sites and Supplemental Sites. Core Sites (Figure 4) are sampled monthly for one year by SCDHEC Bureau of Environmental Services personnel from the corresponding SCDHEC Regional Laboratory Office for water column physical and chemical parameters following the Environmental Investigations Standard Operating Procedures and Quality Assurance Manual, Sections 3, 7, 14, and 19 (SCDHEC, 2006). All laboratory analyses are performed according to Procedures and Quality Control Manual for Chemistry Laboratories--Analytical Services (SCDHEC, 2005) and Laboratory Procedures Manual for Environmental Microbiology-- Analytical Services (SCDHEC, 1998). SCDNR-MRRI samples annually for sediment chemistry, sediment physical characteristics, sediment toxicity, benthic infaunal community composition, up to 25 hour hydrolab deployments, and fish trawls following the QAPP developed for the USEPA National Coastal Assessment Program. One additional set of water column samples is collected by SCDHEC Water Quality Monitoring staff in conjunction with SCDNR-MRRI sampling.

When resources are available, additional Supplemental Sites may be selected and sampled. The Supplemental Sites are sampled one time by SCDNR-MRRI for sediment chemistry,

sediment physical characteristics, sediment toxicity, benthic infaunal community structure, up to 25 hour hydrolab deployments, and fish trawls. One set of water column samples is collected by SCDHEC Water Quality Monitoring staff in conjunction with the SCDNR-MRRI sampling.

Each year there will be approximately 15 Core Tidal Creek sites, 15 Core Open Water sites, and when resources are available, additional Supplemental Tidal Creek and Open Water sites may be sampled. Some of the random locations may correspond to existing fixed or WWQM sites.

The total number of Core 2007 Random Estuary Sites is distributed between three Regional Laboratory Offices with the following assignments:

Charleston	12	Florence	4
Beaufort	14		

Core Tide Creek and Core Open Water Sites and location descriptions are listed by Regional Laboratory Office in Appendix A, and by waterbody name in Appendix B. Parameter coverage, frequency of analysis, and STORET parameter codes are given in Appendices C and D.

2.1.7 Sediment Sampling

Many pollutants may be components of point source discharges, but may be discharged in a discontinuous manner, or at such low concentrations that water column sampling for them is impractical. Some pollutants are also common in nonpoint source runoff, reaching waterways only after a heavy rainfall, and therefore may be missed in the routine water column samples. Aquatic sediments represent a historical record of chronic conditions existing in the water column. Pollutants bind to particulate organic matter in the water column and settle to the bottom where they become part of the sediment "record". As a result of this process of sedimentation, contaminant concentrations originating from irregular and highly variable sources are recorded in the sediment. The sediment concentrations at a particular location do not vary as rapidly with time as do the water column concentrations. Thus, the sediment record may be read at a later time not directly related to the actual discharge. By their nature reservoirs act as settling basins for materials entering the reservoir watershed directly from point source discharges or indirectly via nonpoint source runoff from the land surface. Therefore, it is not unusual for reservoir sediment concentrations to be higher than sediment concentrations found in streams.

Sediment samples are collected once per year at all probability-based monitoring sites. All samples collected at random lake/reservoir and stream sites are analyzed by SCDHEC. Sediment samples at the random Core and Supplemental estuarine sites are collected by SCDNR-MRRI and analyzed by the National Oceanic and Atmospheric Administration (NOAA) National Ocean Service (NOS) laboratory located at Fort Johnson, South Carolina.

Sediment samples are also collected annually at other selected monitoring sites. These sites

include 96 permanent, fixed-location sites with historic sediment data. In addition, each year sediment samples are collected at a selection of WWQM sites based on historic data or specific data needs.

In calendar year 2007 SCDHEC Bureau of Environmental Services personnel will collect 170 sediment samples for routine parameters (percent volatile solids, nutrients, metals, pesticide and PCB scan, see Appendix D) and 40 samples for base neutral and acid extractable organic compounds and volatile organic compounds (see Appendix D) for analysis by the SCDHEC Analytical and Radiological Environmental Services Division. All sediment samples collected by SCDHEC are collected following the Environmental Investigations Standard Operating Procedures and Quality Assurance Manual, Sections 9 (SCDHEC, 2006). All laboratory analyses are performed according to Procedures and Quality Control Manual for Chemistry Laboratories--Analytical Services (SCDHEC, 2005). Sites where sediments are analyzed are identified in Appendix C and location descriptions are listed by region in Appendix A, and by water body name in Appendix B.

2.1.8 Schedule for the Ambient Surface Water Quality Monitoring Program for Calendar Year 2007 by Regional Laboratory Office

The following is the schedule for collection of non-monthly parameters for each Regional Laboratory Office. The schedule includes the number of each type of sample to be collected, and it also includes the month(s) for collection. All other parameters, with the exception of chlorophyll *a*, are collected every month. Please refer to Section A, B, C and D and Appendix C and Appendix D for details relevant to specific parameters for each station.

Lab: Greenville

Permanent Year-Round Surface Sites
(Integrators and Special Purpose)-- 56 Total
-Quarterly for metals and TOC -- January, April, July, and October
-Annually for hardness (selected stations) -- July

Watershed Surface Sites -- 0 Total
-Quarterly for metals and TOC -- January, April, July, and October
-Annually for hardness (selected stations) -- July

Probability-Based Surface Sites -- 18 Total
-Quarterly for metals and TOC -- January, April, July, and October
-Annually for hardness (selected stations) -- July

Summer-Only Surface Sites -- 4 Total
-Collected from May through October
-Quarterly for metals and TOC -- July and October
-Annually for hardness (selected stations) -- July

Group 1 Sediment Sites -- 19
-Collected in April

Group 2 Sediment Sites -- 17
-Collected in May

Lab: Aiken

Permanent Year-Round Surface Sites
(Integrators and Special Purpose) -- 52 Total
-Quarterly for metals and TOC -- March, June, September and December
-Annually for hardness (selected stations) -- December

Watershed Surface Sites -- 0 Total
-Quarterly for metals and TOC -- March, June, September, and December
-Annually for hardness (selected stations) -- December

Probability-Based Surface Sites -- 8 Total
-Quarterly for metals and TOC -- March, June, September, and December
-Annually for hardness (selected stations) -- December

Group 1 Sediment Sites -- 8
-Collected in December

Group 2 Sediment Sites -- 8
-Collected in August

Lab: Charleston

Permanent Year-Round Surface Sites
(Integrator and Special Purpose) -- 47 Total
-Quarterly for metals and TOC -- January, April, July, and October
-Annually for hardness (selected stations) – January

Watershed Surface Sites -- 28 Total
-Quarterly for metals and TOC -- January, April, July and October
-Annually for hardness (selected stations) -- January

Probability-Based Surface Sites -- 14 Total
-Quarterly for metals and TOC -- January, April, July and October
-Annually for hardness (selected stations) -- January

Group 1 Sediment Sites -- 12
- Collected in November

Group 2 Sediment Sites -- 14
- Collected in September

Lab: Florence

Permanent Year-Round Surface Sites
(Integrators and Special Purpose) -- 66 Total
-Quarterly for metals and TOC -- February, May, August, and November
-Annually for hardness (selected stations) -- February

Watershed Surface Sites -- 0 Total
-Quarterly for metals and TOC -- November, February, May and August
-Annually for hardness (selected stations) -- February

Probability-Based Surface Sites -- 10 Total
-Quarterly for metals and TOC -- November, February, May and August
-Annually for hardness (selected stations) -- February

Group 1 Sediment Sites -- 10
-Collected in January

Group 2 Sediment Sites -- 12
-Collected in October

Lab: Columbia

Permanent Year-Round Surface Sites -- 38 Total
-Quarterly for metals and TOC -- February, May, August, and November
-Annually for hardness (selected stations) -- February

Watershed Surface Sites -- 13 Total
-Quarterly for metals and TOC -- February, May, August, and November
-Annually for hardness (selected stations) -- February

Probability-Based Surface Sites -- 3 Total
-Quarterly for metals and TOC -- February, May, August, and November
-Annually for hardness (selected stations) -- February

Summer-Only Surface Sites -- 1 Total
-Collected from May through October
-Quarterly for metals and TOC -- May and August

Group 1 Sediment Sites -- 9
-Collected in February

Group 2 Sediment Sites -- 13
-Collected in June

Lab: Lancaster

Permanent Year-Round Surface Sites
(Integrators and Special Purpose) -- 54 Total
-Quarterly for metals and TOC -- March, June, September, and December
-Annually for hardness (selected stations) -- March

Watershed Surface Sites -- 37 Total
-Quarterly for metals and TOC -- March, June, September, and December
-Annually for hardness (selected stations) -- March

Probability-Based Surface Sites -- 8 Total
-Quarterly for metals and TOC -- March, June, September, and December
-Annually for hardness (selected stations) -- March

Group 1 Sediment Sites -- 18
-Collected in March

Group 2 Sediment Sites -- 16
-Collected in July

Lab: Beaufort

Permanent Year-Round Surface Sites
(Integrator and Special Purpose) -- 24 Total
-Quarterly for metals and TOC -- January, April, July, and October
-Annually for hardness (selected stations) -- January

Watershed Surface Sites -- 0 Total
-Quarterly for metals and TOC -- January, April, July and October
-Annually for hardness (selected stations) -- January

Probability-Based Surface Sites -- 16 Total
-Quarterly for metals and TOC -- January, April, July and October
-Annually for hardness (selected stations) -- January

Group 1 Sediment Sites -- 4
- Collected in November

Group 2 Sediment Sites -- 3
- Collected in September

2.1.9 Core and Supplemental Water Quality Indicators

Table 1 lists the primary Core Indicators used in making use support determinations and additional Supplemental Indicators that are also collected. Because of the statewide scale of the routine surface water monitoring program, the choice of supplemental indicators is dictated by laboratory capacity and resources, and the general utility of the resulting data in identifying potential sources contributing to nonattainment of designated uses on a large scale. Assessment of designated use support often includes the use of data generated by other Ambient Water Quality Monitoring programs detailed in the following sections.

Appendix D provides a more detailed list of the basic parameters measured customarily as part of routine Surface Water Physical & Chemical Monitoring activities. Detailed information for individual monitoring locations is included in Appendix C.

2.1.10 Quality Assurance

All sampling procedures and analyses are performed in accordance with the USEPA approved Quality Assurance Management Plan For S.C. DHEC (SCDHEC, 2003), under the supervision of the State Quality Assurance Management Office (SQAMO) and all procedures follow the Environmental Investigations Standard Operating Procedures and Quality Assurance Manual, Sections 3, 7, 14, and 19 (SCDHEC, 2006), Procedures and Quality Control Manual for Chemistry Laboratories--Analytical Services (SCDHEC, 2005), and Laboratory Procedures Manual for Environmental Microbiology-- Analytical Services (SCDHEC, 1998). Please see Section 2.6 of this strategy, Quality Assurance/Quality Control Procedures, for further details.

2.1.11 Data Management

Routine ambient stream and sediment samples are collected by Regional Office personnel with some analyses conducted in the Regional Laboratories and others by the Central Laboratory. Data for samples that are analyzed in the Regional Laboratories are reported on the appropriate data sheets and released by the sample custodian for the region. These data sheets are sent to the Analytical and Radiological Environmental Services Division in Columbia where they, along with data sheets generated in the Central Laboratory, are sent to the appropriate program areas (see Figure 5). All Ambient Surface Water Physical & Chemical Monitoring data are distributed by the Compliance Assurance Division to the Water Quality Monitoring Section. The data are reviewed by the Water Quality Monitoring Section and are sent to the Information Services Section for data entry. The data are edited and stored on at least an annual basis in the EPA's STORET distributed water quality database. Data sheets are kept on file in the Water Quality Monitoring Section.

2.1.12 Data Analysis/Assessment

The SCDEHC data analysis and assessment methodology used to make attainment decisions about State waters is included as part of the Integrated Report, which is submitted to EPA on even numbered years for review and approval. The most recent version is published in State of South Carolina Integrated Report for 2006 Part I: Listing of Impaired Waters which can be found on the SCDHEC Bureau of Water website at http://www.scdhec.net/water/tmdl/index.html#303d. Specific

limits on assessment decision rules are listed below. Some additional screening and prioritization tools are described in the individual Watershed Water Quality Assessment documents which may also be accessed on the Bureau of Water website at http://www.scdhec.net/water/shed/home.html.

Limits on Assessment Decision Rules

Parameter	Parameter Range	Null Hypothesis	Tolerable Limit	Consequence of Decision Error	Corrective Action	Gray Region	Probability Value
Chemical	South Carolina Regulation 61-68 Water Classifications and Standards (SCDHEC, 2004) South Carolina Regulation 61-69 Classified Waters (SCDHEC, 2004)	Waterbody does not exceed criteria	90% of data points fall within criteria	Place on 303(d) list erroneously	Additional data are collected and assessment revised. Waters removed from the 303(d) list	Macro-invertebrate data indicates aquatic life use is fully supported and chemical data exceed criteria	Aquatic life use support decision is based on macro-invertebrate results
Bacterio-logical	South Carolina Regulation 61-68 Water Classifications and Standards (SCDHEC, 2004)	Waterbody does not exceed criteria	90% of data points fall within criteria or guidelines	Place on 303(d) list erroneously	Additional data are collected and assessment revised. Waters removed from the 303(d) list		Support decision is based on criteria and approved assessment methodology

2.1.13 Reporting

Data generated by the Ambient Surface Water Physical & Chemical Monitoring are used routinely in the preparation of the biennial Integrated Report, which addresses Clean Water Act §303(d), §305(b), and §314 reporting requirements, and the annual Watershed Water Quality Assessments. These reports are available on the SCDHEC Bureau of Water website.

These data are internally and publicly available and may be used by other program areas for other purposes, including triennial water quality standards reviews, use attainability analyses (UAAs), standards revisions, water quality based effluent limits (WQBELs) in permits, total maximum daily loads (TMDLs), nonpoint source programs, and other watershed plans.

2.2 Ocean Water Monitoring

2.2.1 Monitoring Objectives

The objective of South Carolina's ocean water monitoring program is to protect public health through the issuance of swimming advisories based on accurate, representative sampling.

2.2.2 Monitoring Design

Sampling sites are located along the beachfront based on public access points. Additional sites are located near problem areas such as swashes and storm drain outfalls. Each site location has been recorded with global positioning systems (GPS) technology and mapped. Samples are collected at knee depth (approximately two feet) to best represent the area where recreation normally occurs. See Appendix E for sample site locations. A total of 118 sites in three regions are monitored according to the following monitoring design:

		Tier 1	**Tier 2**
A. When to Conduct Basic Sampling		May 15 - October 15 Once per week Three hours before to three hours after low tide	May 15 - October 15 Twice per month Random tidal stages
B. When to Conduct Additional Sampling	Rainfall events	May 15 – October 15 Additional samples will be taken following rainfall events for public health protection and to aid in development of a predictive model.	N/A
	After a water quality standard is exceeded	May 15 – October 15 If any sample exceeds the action level a repeat sample will be taken within 24 hours of result notification.	
	After a sewage spill or pollution event	Sampling will be conducted as soon as possible following a sewage spill or other pollution event. At regional manager's discretion, beaches will be preemptively advised until satisfactory sample results are received.	
	Lifting an advisory	Additional samples shall be taken following an advisory until sample results fall below the action level and advisory is lifted.	

Further information regarding the monitoring design and sample site selection criteria can be found in South Carolina Beach Monitoring Program Quality Assurance Project Plan, Appendix B.

2.2.3 Core and Supplemental Water Quality Indicators

The State records the following parameters for each ocean water sample: project code and county location, sample date, sampling time, station number, sample collector, sample identification numbers, weather conditions, rainfall amount in previous 24 hours, tidal condition, wind direction, salinity, enterococci (most probable number based on the Enterolert Quanti-tray sample method), chain of custody, and comments. Of the parameters listed, the only critical measurement is the

Enterolert result. Other parameters are collected primarily for informational purposes only.

2.2.4 Quality Assurance

All sampling procedures and analyses are performed in accordance with the USEPA approved South Carolina Beach Monitoring Program Quality Assurance Project Plan.

2.2.5 Data Management

Copies of the completed Ocean Water Quality Sampling Data forms (DHEC 2508) are sent to Laboratory Services to be entered into the Laboratory Information Management System (LIMS). A copy is maintained by the Region and the original is sent to the Central Office. Data sheets are kept for three years per the retention schedule. Data are transferred monthly from LIMS to the Environmental Facility Information System (EFIS) database by Central Office personnel. Data are uploaded yearly to EPA's STORET database. Data are also available to the public by request. All sampling sites have been geo-located and are available through South Carolina's GIS coverage.

2.2.6 Data Analysis/Assessment

Swimming advisories are issued based on a single sample limit of 500 Enterococci/100 mL or a single sample exceeding 104 Enterococci/100 mL followed by a repeat sample exceeding 104 Enterococci/100 mL. When an extreme weather event, such as a hurricane, tropical storm, or torrential rain occurs, a general advisory may be issued without current sampling data. It is known that significant rainfall within a 24-hour period causes elevated bacteria counts that exceed the advisory action levels at some stations. Data assessment procedures can be found in the South Carolina Beach Monitoring Program Quality Assurance Project Plan, Appendices D and E.

2.2.7 Reporting

In the event of an advisory, signs will be posted at conspicuous areas on the affected beach. Beach advisory signs include a statement that explains that swimming is not advised due to high bacteria levels in the water, but that wading, fishing, and shell collecting do not pose a risk and list contact information. Local media outlets are contacted by the regional program manager or the municipality as previously negotiated. A copy of the advisory is sent by electronic mail to the program coordinator and each coastal regional EQC office (Myrtle Beach, Beaufort, Charleston). Advisories are also available through the DHEC website. The web site also features a link to the Earth 911 Beach Water Quality website. The Earth 911 website (www.earth911.org) is updated by DHEC staff upon receipt of water quality results. Sample sites under advisement show up as red on the website, areas not under advisement are green. The website also offers a printable beach status report. All advisory data are uploaded at least yearly to EPA . Further information regarding reporting is available in the South Carolina Beach Monitoring Program Quality Assurance Project Plan, Section A9 and Appendix C.

2.3 Biological Monitoring

The biological monitoring network provides information that will allow for the detection and evaluation of changes in the stability of aquatic communities, including macroinvertebrates and phytoplankton, and the analysis of fish tissue. The various activities falling under the biological monitoring program are detailed below.

2.3.1 Macroinvertebrate Bioassessment

2.3.1.1 Monitoring Objectives

The South Carolina Department of Health and Environmental Control began using aquatic macroinvertebrates in environmental studies in 1974 (SCDHEC 1974, 1975). Since then the macroinvertebrate monitoring program has become an important part of the agency and is utilized for: trend monitoring of streams and rivers, the results of which are included in the §305(b) reports to congress and the Watershed Water Quality Assessment reports produced by the SCDHEC, reporting of streams that do not meet aquatic life uses to be included on the §303(d) list, assessment of the potential impacts of NPDES discharges into waters of the state, evaluation of impacts of catastrophic events such as oil spills, evaluation of the effects of nonpoint source impacts on streams and rivers, evaluation of potential outstanding resource waters of the state, providing data for conservation agencies and programs, documenting biodiversity, and demonstrations for volunteer monitoring programs, school groups, 4H groups, and environmental festivals in the state of South Carolina.

2.3.1.2 Monitoring Design

Sampling sites for macroinvertebrate bioassessments fall into three broad categories: fixed stations, special study stations, and probabilistic stations. Fixed stations are sampled on a rotating basin schedule with approximately 80 stations completed per year. Thus each site is typically sampled once every 5 years. Fixed stations were established by professional judgment. Criteria for site selection included watershed area, stream size, accessibility, and proximity to water quality (chemistry) stations. In general, fixed site macroinvertebrate bioassessments are conducted on mid-order, flowing streams that are wadeable and are at or close to water quality monitoring stations. Large rivers and small streams are sampled on rare occasions. Because of the comprehensive nature of fixed station sampling, these data represent the condition of these mid-order flowing streams.

Special studies are conducted as requested and are generally completed in order to evaluate potential perturbation from point source or non-point source events. Examples include chemical releases, oil spills, forestry activities, or development activities. Generally, these studies involve comparing an upstream control station with a station downstream of the potential impact. These studies can be a one-time event or may continue over months or years.

Probabilistic station sampling occurs during the normal fixed station index period. These sites may

fall within the same basin as the fixed stations or somewhere else within the state. Because the selection process is random, these sites change from one year to the next. Collectively, data from the probabilistic sties provide an overview of conditions in the streams and rivers of the state.

2.3.1.3 Core and Supplemental Water Quality Indicators

Ecological health of the aquatic macroinvertebrate community is determined using a variety of biometrics outlined in the Environmental Investigations Standard Operating Procedures and Quality Assurance Manual (SCDHEC, 2006), Section 8 and Appendix H. The EPT (Ephemeroptera, Plecoptera, and Trichoptera) Index and Biotic Index are used to calculate a Bioclassification Score, which will be used to determine the aquatic life use support rating of the stream or river. On rare occasions other metrics may be evaluated such as Taxa Richness and Total Count, and professional judgment used to determine the final aquatic life use rating. For special study stations, it is the change in the bioclassification score from the upstream control site to the downstream test site that will determine the level of impairment an activity may have on a stream.

2.3.1.4 Quality Assurance

All sampling procedures and analyses are performed in accordance with the USEPA approved Quality Assurance Management Plan For S.C. DHEC (SCDHEC, 2003), under the supervision of the State Quality Assurance Management Office (SQAMO) and all procedures follow the Environmental Investigations Standard Operating Procedures and Quality Assurance Manual, Sections 8, 14, 19, and Appendix H (SCDHEC, 2006). Please see Section 2.6 of this strategy, Quality Assurance/Quality Control Procedures, for further details.

2.3.1.5 Data Management

Macroinvertebrate and habitat data are entered into an in-house relational database program. This database program generates metric calculations and reports. All data are available to the public through the Freedom of Information Act. A coverage of the macroinvertebrate monitoring stations is available through an in-house Geographic Information System.

2.3.1.6 Data Analysis/Assessment

Refer to Environmental Investigations Standard Operating Procedures and Quality Assurance Manual (SCDHEC, 2006), Section 8 and Appendix H. Specific limits on assessment decision rules are listed below.

Limits on Assessment Decision Rules

Parameter	Parameter Range	Null Hypothesis	Tolerable Limit	Consequence of Decision Error	Corrective Action	Gray Region	Probability Value
Macro-invertebrate	South Carolina Regulation 61-68 Water Classifications and Standards (SCDHEC, 2004) Environmental Investigations Standard Operating Procedures and Quality Assurance Manual (SCDHEC, 2006, Section 8.4)	Waterbody does not fall below regional guidelines	Index values meet or exceed regional guidelines	Place on 303(d) list erroneously	Additional data are collected and assessment revised. Waters removed from the 303(d) list	Bio-assessment scores ambiguous	Support decision is based on field, habitat, or chemical data

2.3.1.7 Reporting

Macroinvertebrate community assessment conclusions are forwarded to the Water Quality Monitoring Section for consideration in the development of Watershed Water Quality Assessments and assessments pursuant to §303(d) and §305(b) of the Clean Water Act.

2.3.2 Fish Tissue Monitoring

2.3.2.1 Monitoring Objectives

The collection of fish for the purpose of tissue analysis is necessary to detect the presence and levels of heavy metals, pesticides and toxic organic compounds in edible tissue that may concentrate through aquatic food chains and threaten the health of human consumers. Aquatic organisms may accumulate contaminants through gills and epithelial tissue directly from water and sediment (bioconcentration), a combination of bioconcentration and dietary sources (bioaccumulation), or a process by which the tissue concentrations increase as the contaminant passes up the food chain (biomagnification). Data collected is used to issue consumption advisories for the protection of public health when necessary.

2.3.2.2 Monitoring Design and Core and Supplemental Indicators

A Statewide Survey for mercury contamination was initiated in 1993. This sampling will be continued in CY 2007. Largemouth bass (*Micropterus salmoides)* and one other common game fish will be sampled at approximately 100 freshwater sites in CY 2007. Fish tissue sites are established for lakes, rivers, and streams based on river miles or surface acreage. Primary sites are sampled each year and cover water bodies under advisory as well as other popular fishing areas. Basin sites are sampled on a rotating schedule and cover the majority of the waterbodies accessible for fishing to the public. Generally at least ten samples from each site will be analyzed for mercury and one to two

samples from each site will be analyzed for other heavy metals, pesticides and PCBs. Monitoring sites locations are listed in Appendix G.

Through a cooperative effort, the South Carolina Department of Natural Resources, Marine Resources Research Institute, is furnishing saltwater fish each year from estuaries for tissue analysis. Red drum, spotted sea trout, and southern flounder are the target species. Emphasis will be placed on Upper and Lower Cape Romain, the Ashley River, Charleston Harbor, Winyah Bay, the ACE basin, and the Wando River. SCDNR also provides samples of swordfish, wahoo, dolphin, and tuna for tissue analysis, as available. Through a cooperative effort with other coastal Southeastern states, King mackerel and Spanish mackerel will be collected from selected tournaments and SCDNR routine sampling. The resulting data will be used to supplement the current advisories on mackerel.

2.3.2.3 Data Assessment

The SCDHEC uses a risk-based approach to evaluate contaminant concentrations in fish tissue and to issue consumption advisories in affected waterbodies. This approach contrasts the average daily exposure dose to the reference dose (RfD). Using these relationships, fish tissue data are interpreted by determining the consumption rates that would not be likely to pose a health threat to adult males and nonpregnant adult females. Because an acceptable RfD for developmental neurotoxicity has not been developed and because scientific studies suggest that exposure before birth may have adverse effects the health of infants, pregnant women, infants, and children are advised to avoid consumption of fish from any waterbody where an advisory has been issued. Specific limits on assessment decision rules are listed below.

Limits on Assessment Decision Rules

Parameter	Parameter Range	Null Hypothesis	Tolerable Limit	Consequence of Decision Error	Corrective Action	Probability Value
Fish Tissue	South Carolina Regulation 61-68 Water Classifications and Standards (SCDHEC, 2004) Environmental Investigations Standard Operating Procedures and Quality Assurance Manual (SCDHEC, 2006, Section 8.5)	Fish tissue samples do not exceed risk-based contaminant concentration	Tissue concentration meet risk-based contaminant concentration	Place on 303(d) list and issue fish consumption advisory erroneously	Additional data are collected and assessment revised. Waters removed from the 303(d) list	Support decision is based on accepted risk-based approach

2.3.2.4 Quality Assurance

All sampling procedures and analyses are performed in accordance with the USEPA approved Quality Assurance Management Plan For S.C. DHEC, under the supervision of the State Quality Assurance Management Office (SQAMO) and all procedures follow the Environmental Investigations Standard Operating Procedures and Quality Assurance Manual, Section 8 (SCDHEC). All laboratory analyses are performed according to Procedures and Quality Control

Manual for Chemistry Laboratories--Analytical Services (SCDHEC, 2005). Please see Section 2.6 of this strategy, Quality Assurance/Quality Control Procedures, for further details.

2.3.2.5 Data Management

After samples are collected, data sheets are kept on file in the Aquatic Biology Section until sample analysis is completed. Upon completion of analysis, any physical or chemical data are placed in STORET. Fish tissue results are entered into an Excel database and hard copies are filed and kept on site. The tissue data are currently being entered and stored in a separate database that will be uploaded to STORET.

2.3.3 Phytoplankton & Chlorophyll Monitoring

2.3.3.1 Monitoring Objectives

Phytoplankton are the microscopic plants that live free-floating and suspended in bodies of water. The abundance of phytoplankton can strongly influence nonbiological aspects of water quality such as pH, dissolved oxygen, color, taste, and odor. Certain species of phytoplankton flourish in highly eutrophic (nutrient enriched) waters while distinct types are very sensitive to organic and/or other chemical wastes. Some species are capable of producing noxious blooms in the form of highly turbid water, floating algal mats, or surface scums. Offensive odors and tastes may develop from these blooms, thereby spoiling a water resource for its various uses. Anoxic conditions which may kill fish and other aquatic life can also result from excessive algal blooms. Toxic conditions resulting in human illness and animal deaths can be created by a few phytoplankton species. Chlorophyll *a* is an indirect measure of phytoplankton biomass that can serve as a warning of the potential to develop nuisance algae bloom conditions. The algal biomass and species composition of plankters is therefore likely to be indicative of water quality in a selected water body.

Consequently, chlorophyll *a* and phytoplankton community analyses are particularly useful biological indicators for assessing nutrient enrichment in water bodies and can aid in management decisions for protecting water resources. Chlorophyll *a* and phytoplankton data can be used to assess current water quality in lakes/reservoirs of interest and to provide a baseline of data to observe any potential changes. The causes and sources of specific types of water quality problems (e.g. lack of water clarity, taste and odor, etc.) may also be identified from phytoplankton and chlorophyll *a* analyses. In addition, the effectiveness of management actions to control nutrient enrichment can be evaluated through a continuing chlorophyll monitoring program.

2.3.3.2 Monitoring Design

Sites for chlorophyll and phytoplankton monitoring are selected using an integrated approach to best characterize the quality status of the State's waters. This process includes designating a variety of sites including fixed-station, rotating basin, and probability-based design. Individual sites monitored for chlorophyll *a* are designed to be representative of segments (e.g. estuary) or areas (embayment of lake) of targeted water bodies. Collectively, monitored sites provide an overview of conditions in specific resource types (e.g. coastal estuaries, lakes/reservoirs, etc.).

For CY 2007, chlorophyll *a* samples will be collected monthly, May through October, at 113 monitoring sites. These sites include all lake locations among the current WWQM basin sites, Integrator Sites, Special Purpose Sites, and Summer-Only Sites, as well as all Random Lake Sites and all Core Random Estuarine Sites. One additional chlorophyll *a* sample will be collected by SCDHEC at each Core Random Estuarine Site, as well as one sample at each Supplemental Random Estuarine Site, in conjunction with SCDNR-MRRI sampling.

Phytoplankton analyses are conducted on samples chosen as a subset of sites from the chlorophyll monitoring stations. Approximately 50 phytoplankton samples will be analyzed from selected monitoring sites during CY 2007 based on association with algal blooms and/or lack of historical data. The sites for phytoplankton analysis are generally selected based on the need for more intensive-level monitoring. The rationale for this selection process is that some areas with historical water quality problems related to eutrophication may need more detailed phytoplankton community information.

The Phycology Program area at SCDHEC also participates in a *Pfiesteria* spp./ Harmful Algal Bloom surveillance plan in cooperation with the South Carolina Department of Natural Resources. A number of phytoplankton samples from coastal fish kills and algal blooms are screened for the presence of *Pfiesteria* spp. and HABs, depending upon conditions year-to-year. In addition, phytoplankton samples are submitted for analysis through inquiry or complaint by the public about algal-related problems.

2.3.3.3 Core and Supplemental Water Quality Indicators

Chlorophyll *a* is a core indicator for lake/reservoirs habitats that can be used for direct comparison to numeric State standards. In estuaries, where numeric standards are under development, it serves as a supplemental indicator.

Phytoplankton data are supplemental to other measured parameters to help determine the success of remedial actions and on-going management practices for water resources. These samples will be analyzed for species composition and relative phytoplankton abundance. From these data, determinations concerning community structure, taxa richness, and the presence or absence of indicator species can be made.

The phytoplankton data represent a "special investigation" level of assessment, and these data provide more detailed information than chlorophyll *a* data alone. Information about the phytoplankton community may show more clearly why a water body is not meeting specific numeric or narrative criteria. For instance, if a predominant algal species identified in a water body is a type known to form nuisance summer blooms, this information provides valuable insight about water quality conditions.

2.3.3.4 Quality Assurance

All sampling procedures and analyses are performed in accordance with the USEPA approved Quality Assurance Management Plan For S.C. DHEC, under the supervision of the State Quality

Assurance Management Office (SQAMO) and all procedures follow the Environmental Investigations Standard Operating Procedures and Quality Assurance Manual, Section 8 and Appendix G (SCDHEC, 2006). Please see Section 2.6 of this strategy, Quality Assurance/Quality Control Procedures, for further details.

2.3.3.5 Data Management

Chlorophyll data has been entered into "legacy" STORET prior to the advent of the Modernized STORET system. Chlorophyll data in STORET are directly accessible by the general public via the internet. In general, chlorophyll *a* data are entered into Modernized STORET at least annually. Some recent chlorophyll data have not been entered into STORET due to recent STORET software changes.

Phytoplankton data are stored in an in-house database which predates a functional STORET database for biological data. The current phytoplankton database automatically performs specific calculations that are needed for data interpretation. Hence, this database has been maintained. Phytoplankton data are available to the general public by FOI and can be obtained in an electronic format. Ancillary information regarding chlorophyll and phytoplankton monitoring sites is available from an in-house Geographical Information System.

2.3.3.6 Data Analysis/Assessment

Assessment of Chlorophyll *a* data are included in the SCDEHC data analysis and assessment methodology used to make attainment decisions about State waters included in the Integrated Report, which is submitted to EPA on even numbered years for review and approval. The most recent version is published in State of South Carolina Integrated Report for 2004 Part I: Listing of Impaired Waters which can be found on the SCDHEC Bureau of Water website at http://www.scdhec.net/water/html/tmdl.html#303d.

The phytoplankton data provide more detailed information than chlorophyll *a* data alone. Information about the phytoplankton community may show more clearly why a water body is not meeting specific numeric or narrative criteria. Water quality assessments using phytoplankton data are made by considering both qualitative and qualitative factors. In the data analysis, other physical, chemical, and biological data that have been collected concurrently are taken into account. Phytoplankton data analysis/assessment is described in detail in Environmental Investigations Standard Operating Procedures and Quality Assurance Manual, Section 8 and Appendix G (SCDHEC, 2006).

2.3.3.7 Reporting

Chlorophyll *a* and phytoplankton community assessment conclusions are forwarded to the Water Quality Monitoring Section for consideration in the preparation of the biennial Integrated Report, which addresses Clean Water Act §303(d), §305(b), and §314 reporting requirements, and the annual Watershed Water Quality Assessments. These reports are available on the SCDHEC Bureau of Water website.

2.4 Shellfish Growing Area Water Quality Monitoring

2.4.1 Monitoring Objectives

South Carolina's Shellfish Sanitation Program monitors approximately 577,690 acres of surface water with assigned classifications designated for the harvest of Molluscan shellfish. These coastal waters are divided into 25 shellfish management areas with a total of 462 active monitoring stations. The objectives of the shellfish-monitoring network are to provide data that accurately reflect sanitary and environmental conditions of coastal shellfish and shellfish growing waters in South Carolina in order to:

- Ensure that the health of shellfish consumers is protected;
- Protect and maintain existing shellfish growing area water use; and
- Identify impaired waters suitable for restoration to appropriate use standards.

2.4.2 Monitoring Design

The shellfish-monitoring program provides the database that is used in conducting a comprehensive evaluation of each shellfish growing area. Evaluations of growing areas, which meet NSSP requirements for Triennial Reviews, are conducted annually. Routine bacteriological monitoring and subsequent laboratory analyses of water quality from strategically located sample sites are conducted monthly. Monitoring is based on a systematic random sampling methodology in which coastal shellfish growing area surface waters are sampled in accordance with a pre-established schedule, thereby assuring that a statistically representative cross-section of meteorological, hydrographic, and/or pollution events will be included in the data set. Monitoring sites are established at locations representative of variable water quality within non-Prohibited classified shellfish areas. Locations are sited with the intent of determining compliance with existing State shellfish regulation water quality standards. Individual monitoring sites are typically representative of a water reach extending in the directions of tidal flow to the closest adjacent monitoring sites. Resulting laboratory analyses detail physical and bacteriological data that are used to classify shellfish growing waters. All standards, monitoring methodology, and laboratory analyses comply with guidance set forth in the National Shellfish Sanitation Program Model Ordinance. Areas closed to the harvesting of shellfish are posted with signs indicting the potential for serious illness from consuming shellfish harvested within these areas and outlining penalties for harvest violations.

The monitoring network also serves to update sanitary-related data from each shellfish area to ensure that conditions which existed during the prior review period still prevail; that the harvest classification is correct; and, ultimately that shellfish are harvested only from growing areas that meet or exceed established standards for shellfish growing waters.

Complete descriptions of station locations are included in Appendix H.

2.4.3 Core and Supplemental Water Quality Indicators

Fecal coliform, used as a human pathogen indicator organism, is the bacteriological parameter used to decide between the *Approved* and *Restricted* classifications (Table 2). Additional monitoring

parameters (Salinity, Tide Stage, Wind Direction, etc.) are frequently used in conjunction with the fecal coliform standard and observed meteorological and/or hydrographic conditions in determining the appropriateness of implementing the *Conditionally Approved* classification.

Table 2. Fixed-Station Shellfish Monitoring Program Physical and Bacteriological Parameter Coverage and Sampling Frequency

Parameter Group	Parameter	Water	Shellstock
Physical	Tide Stage	*	NA
	Water Temperature	*	NA
	Air Temperature	*	NA
	Wind Direction	*	NA
	Salinity	*	NA
Bacteriological	Fecal Coliform	*	**
	Total Plate Count	NA	**
	E. coli	**	**
	Sample Temperature	*	**
	Sample Type	NA	**
	Species	NA	**

*Sampled monthly (minimum frequency).
**Sampled as appropriate.

2.4.4 Quality Assurance

Shellfish Sanitation Program monitoring complies with EQC Environmental Investigations Standard Operating Procedures and Quality Assurance Manual (SCDHEC, 2006), Section 8.10, and all laboratory analyses are conducted by the Bureau of Environmental Services according to Laboratory Procedures Manual for Environmental Microbiology-- Analytical Services (SCDHEC, 1998).

2.4.5 Data Management

Shellfish data are stored in STORET. Individual data collected subsequent to the mid-1990s are available through FOI request in an electronic (Excel) format. All monitoring sites are represented in a digital coverage located on the Department's GIS server.

2.4.6 Data Analysis/Assessment

S.C Regulation 61-47,Shellfish, has established a fecal coliform standard (geometric mean not to exceed 14 fc mpn/100ml and the estimated 90th percentile value not to exceed 43 mpn/100ml) for waters classified as *Approved*. Sites are monitored on a monthly basis, with monitoring scheduled in advance so as to be random with respect to tide and weather conditions. Data collected over a thirty-

six consecutive month period is used in determining compliance. A minimum of thirty samples is required to be collected from each monitoring site for classification. This standard and methodology fully complies with National Shellfish Sanitation Program Model Ordinance guidance criteria. All shellfish waters receive one of the following harvest classifications.

***2.4.6.1 Approved*:** Growing areas shall be classified *Approved* when the sanitary survey concludes that fecal material, pathogenic microorganisms, and poisonous or deleterious substances are not present in concentrations which would render shellfish unsafe for human consumption. *Approved* area classification shall be determined upon a sanitary survey, which includes water samples collected from stations in the designated area adjacent to actual or potential sources of pollution. For waters sampled under adverse pollution conditions, the median fecal coliform Most Probable Number (MPN) or the geometric mean MPN shall not exceed fourteen per one hundred milliliters, and not more than ten percent of the samples shall exceed a fecal coliform MPN of forty-three per one hundred milliliters (per five tube decimal dilution). For waters sampled under a systematic random sampling plan, the geometric mean fecal coliform Most Probable Number (MPN) shall not exceed fourteen per one hundred milliliters, and the estimated ninetieth percentile shall not exceed an MPN of forty three (per five tube decimal dilution). Computation of the estimated ninetieth percentile shall be obtained using NSSP guidelines.

***2.4.6.2 Conditionally Approved*:** Growing areas may be classified *Conditionally Approved* when they are subject to temporary conditions of actual or potential pollution. When such events are predictable as in the malfunction of wastewater treatment facilities, non-point source pollution from rainfall runoff, discharge of a major river, potential discharges from dock or harbor facilities that may affect water quality, a management plan describing conditions under which harvesting will be allowed shall be adopted by the Department, prior to classifying an area as *Conditionally Approved.* Where appropriate, the management plan for each *Conditionally Approved* area shall include performance standards for sources of controllable pollution, e.g., wastewater treatment and collection systems, evaluation of each source of pollution, and means of rapidly closing and subsequent reopening areas to shellfish harvesting. Memorandums of agreements shall be a part of these management plans where appropriate.

Shellfish shall not be directly marketed from a *Conditionally Approved* area until conditions for an *Approved* classification have been met for a time that should insure the shellfish are safe for consumption. Shellstock from *Conditionally Approved* areas which have been subjected to temporary conditions of actual or potential pollution may be relayed to *Approved* areas for purification or depurated through controlled purification operations only by special permit issued by the Department.

***2.4.6.3 Restricted*:** Growing areas shall be classified *Restricted* when sanitary survey data show a limited degree of pollution or the presence of deleterious or poisonous substances to a degree which may cause the water quality to fluctuate unpredictably or at such a frequency that a *Conditionally Approved* area classification is not feasible. Shellfish may be harvested from areas classified as *Restricted* only for the purposes of relaying or depuration and only by special permit issued by the Department and under Department supervision.

The suitability of *Restricted* areas for harvesting of shellstock for Relay or Depuration purposes may

be determined through the use of comparison studies of background tissue samples with post-process tissue samples, as well as other process verification techniques deemed appropriate by the Department.

For *Restricted* areas to be utilized as a source of shellstock for depuration, or as source water for depuration, the fecal coliform geometric mean MPN of restricted waters sampled under adverse pollution conditions shall not exceed eighty-eight per one hundred milliliters and not more than ten percent of the samples shall exceed a MPN of two hundred and sixty per one hundred milliliters for a five tube decimal dilution test. For waters sampled under a systematic random sampling plan, the fecal coliform geometric mean MPN shall not exceed eighty-eight per one hundred milliliters and the estimated ninetieth percentile shall not exceed an MPN of two hundred and sixty (five tube decimal dilution). Computation of the estimated ninetieth percentile shall be obtained using the formula outlined in the NSSP manual.

***2.4.6.4 Conditionally Restricted*:** Growing areas may be classified *Conditionally Restricted* when they are subject to temporary conditions of actual or potential pollution. When such events are predictable, as in the malfunction of wastewater treatment facilities, non-point source pollution from rainfall runoff, discharge of a major river or potential discharges from dock or harbor facilities that may affect water quality, a management plan describing conditions under which harvesting will be allowed shall be prepared by the Department prior to classifying an area as *Conditionally Restricted*. Where appropriate, the management plan for each *Conditionally Restricted* area shall include performance standards for sources of controllable pollution, e.g., wastewater treatment and collection systems and an evaluation of each source of pollution, and description of the means of rapidly closing and subsequent reopening areas to shellfish harvesting. Memorandums of agreements shall be a part of these management plans where appropriate.

Shellfish may be harvested from areas classified as *Conditionally Restricted* only for the purposes of relaying or depuration and only by permit issued by the Department and under Department supervision.

For *Conditionally Restricted* areas to be utilized as a source of shellstock for depuration, the fecal coliform geometric mean MPN of *Conditionally Restricted* waters sampled under adverse pollution conditions shall not exceed eighty-eight per one hundred milliliters and not more than ten percent of the samples shall exceed a MPN of two hundred and sixty per one hundred milliliters for a five tube decimal dilution test. For waters sampled under a systematic random sampling plan, the fecal coliform geometric mean MPN shall not exceed eighty-eight per one hundred milliliters and the estimated ninetieth percentile shall not exceed an MPN of two hundred and sixty (five tube decimal dilution). Computation of the estimated ninetieth percentile shall be obtained using ISSP guidelines.

***2.4.6.5 Prohibited*:** Growing areas shall be classified *Prohibited* if there is no current sanitary survey or if the sanitary survey or monitoring data show unsafe levels of fecal material, pathogenic microorganisms, or poisonous or deleterious substances in the growing area or indicate that such substances could potentially reach quantities which could render shellfish unfit or unsafe for human consumption. Waters classified as Prohibited are administrative closures.

Harvesting of shellfish for human consumption from Prohibited areas shall not be allowed by the

Department. Shellfish may be depleted for non-food use from *Prohibited* areas upon approval of the Department and under specified conditions.

Growing waters adjacent to sewage treatment plant outfalls and other waste discharges shall be classified *Prohibited*. A variety of assumptions and criteria will be considered in determining the area that could be potentially impacted.

Growing waters within marinas shall be classified as *Prohibited*. Classification of waters adjacent to marinas will be determined using a dilution analysis that incorporates various assumptions.

2.4.6.6 Waters meeting the standard are typically classified as *Approved* and waters exceeding the standard are classified as *Restricted*. *Approved* waters approaching the standard's limit (14/43) or *Restricted* waters slightly exceeding the standard are candidates for management under the *Conditionally Approved* classification. Use of this classification requires that pollution events be predictable and manageable. Management of *Conditionally Approved* areas is manpower intensive and, although it's use is encouraged; field managers are allowed some discretion in its implementation.

2.4.7 Reporting

The Shellfish Sanitation Program produces annual reports for each of the twenty-five shellfish management areas. Additionally, an annual shellfish area status (trend) report is produced. These reports are routinely distributed to the United States Food and Drug Administration, the South Carolina Department of Natural Resources, the Department's Office of Coastal Resource Management, and the Department's Bureau of Water – Division of Water Quality. All reports are updated annually and are available for viewing on the Department's Shellfish Sanitation Program webpage.

2.5 Groundwater Monitoring

2.5.1 Monitoring Objectives

The primary objective of the monitoring network is to develop a baseline for ambient groundwater quality for all of South Carolina's aquifers. Through utilization of this data many other objectives may be achieved. Included among these secondary objectives are to determine areal variations in regional groundwater quality, aquifer-specific variability in water quality and to detect any significant changes in groundwater quality over time.

The water quality database is not intended to be used as a tool for locating previously unknown sites of groundwater contamination or for assuring compliance with regulations. Because of natural areal variations in water chemistry, ambient data are also not intended to be used as a substitute for on-site background water quality monitoring by facilities that may be in the general vicinity.

2.5.2 Monitoring Design

In order to sample water from "all" portions of the State's major aquifers, well selection criteria also

include consideration of which aquifer each well is utilizing, along with the geographic distribution of wells within each aquifer. A final consideration that is addressed when selecting network wells is the presence of, or potential for, contamination within the area. At the time of well sampling, a field check of the area surrounding the well site is performed. If a significant potential contamination source is located in the vicinity, the well is not included in the monitoring network. This network is designed to monitor uncontaminated portions of aquifers to represent true ambient groundwater quality conditions. As a result, the number and location of monitoring wells in the network remain relatively constant.

2.5.3 Core and Supplemental Water Quality Indicators

The ambient groundwater quality data are not intended to be used as a regulatory tool. Because of natural areal variations in water chemistry, ambient data are also not intended to be used as a substitute for on-site background water quality monitoring by facilities that may be in the general vicinity. Routine parameter coverage at ambient groundwater monitoring sites is listed in Appendix I.

2.5.4 Quality Assurance

All sampling is conducted according the EQC Environmental Investigations Standard Operating Procedures and Quality Assurance Manual, Section 5 (SCDHEC, 2006) and all laboratory analyses are performed according to Procedures and Quality Control Manual for Chemistry Laboratories--Analytical Services (SCDHEC, 2005).

2.5.5 Data Management

All data related to well information and water quality are stored in an Excel Spreadsheet and in STORET. In addition comprehensive annual reports are published and available on the DHEC web site. Well locations have been located utilizing a global positioning system and GIS coverage is available on the agencies GIS server.

2.5.6 Data Analysis/Assessment

The purpose of the annual report is to describe and explain some of the trends in geochemistry that exist throughout the aquifers of South Carolina. Analyses of network groundwater samples may be presented by way of trilinear (Piper) diagrams, Stiff Diagrams, and graphs.

2.5.7 Reporting

The State produces an annual Groundwater Ambient Quality Report every August. In addition, these data are reported in the annual Water Quality Basin Reports. These reports can be downloaded from the Departments web site.

2.6 Quality Assurance/Quality Control Procedures

SCDHEC's Quality System is the means by which the Department implements the quality management process. The Quality System encompasses a variety of technical and administrative elements which are outlined in the SCDHEC Quality Assurance Management Plan, 2003. This plan describes how programs within Environmental Quality Control (EQC) will plan, implement, and assess the quality of environmental work to be performed as part of the various programs' functions within the Agency.

The Deputy Commissioner for Environmental Quality Control has the overall responsibility for the development, implementation, and continued operation of EQC's QA Program. To insure that EQC's QA policy is uniformly applied to the generating and processing of all environmental data, a State Quality Assurance Management Office (SQAMO) has been established.

This office is responsible for the Quality Assurance Program. Environmentally-related measurement activities conducted by or for EQC shall be done only with the approval of the State Quality Assurance Management Office (SQAMO) after assuring that adequate quality assurance guidelines and procedures have been incorporated. This includes study-planning, sample collection, preservation and analysis, data handling, and use of physical, chemical, biological, and other data related to the effects, sources, transport and control of pollution, as well as personnel review and training.

2.6.1 Quality Assurance Project Plans and Standard Operating Procedures

Two basic tools for QA management are QA Project Plans (QAPPs) and Standard Operating Procedures (SOPs). Routine studies (program monitoring activities) are implemented under a generic project plan, primarily SOPs, and special studies require a written QAPP specific to that study. Special studies involving an immediate public health threat or a criminal investigation may not have an approved QAPP due to the limited time frame for obtaining samples. These studies will be handled like routine work requiring adherence to applicable SOPs. To accomplish the above, each environmental monitoring organization shall develop and implement SOPs, approved by the SQAMO or designee, for all monitoring activities.

2.6.2 Sampling Methods

EQC's sampling manual is entitled the Environmental Quality Control Environmental Investigations Standard Operating Procedures and Quality Assurance Manual, 2006. Currently, this document is reviewed each fall and revisions incorporated and disseminated to staff the following January. The manual describes in detail the field sampling procedures by matrix, meter calibration and maintenance procedures, sample chain-of-custody documentation, sample preservation, holding times and recommended sample containers specifications, data sheet examples, and data submission requirements.

2.6.3 Training

An intranet training program has been established to insure staff have access to the most recent revision of the field SOPs and have acknowledged they are familiar with SOP content for specific assigned duties. Each program area will ensure that all personnel performing tasks and functions related to data quality will have the needed education, training, and experience. Training is tracked through the Agency's Training Management System, TRAMS. A review of basic training requirements for field staff is found in Section 4 of the Environmental Quality Control Environmental Investigations Standard Operating Procedures and Quality Assurance Manual, 2006.

The training of laboratory personnel is discussed in Procedures and Quality Control Manual for Chemistry Laboratories, 2005, Volume 1, Section III. This Section incorporates forms for acknowledgement that the analyst has read the method, as well as tracking forms for other various types of training. This information is kept on file at the Analytical and Radiological Environmental Services Division lab or appropriate Regional Laboratory. Each analyst is also required to run an initial demonstration of capability (IDOC) and a method detection limit analysis before they are allowed to run samples. This information is also kept on file in the appropriate laboratory.

2.6.4 DHEC QA Policy

It is the policy of Environmental Quality Control (EQC) that necessary quality assurance (QA) activities be conducted within the State of South Carolina to demonstrate that all environmental data generated, processed, or used will be scientifically valid, defensible, and of known and acceptable precision and accuracy. It is also the policy of EQC that all reported data will include documented precision and accuracy and be complete, representative, and comparable. The quality of all data generated shall meet or exceed all EQC and EPA program requirements.

2.6.5 Documents and Records

The following list of documents and records are maintained and stored per Monitoring Strategy requirements.

- Bound Field Logbooks/Workbooks

  In these logbooks are recorded all of the routine daily meter calibration results, remarks and notes relating to all activities, and values for all field measured parameters as well as time, date, station location, and collector identification information associated with all sampling activities. This logbook format provides a legally admissible document for any court supervised compliance/enforcement proceedings.

- Chain of Custody Information
- Sample Request Sheets/Data
- EPA STORET Data
- Special Study QAPPs/Data
- Analytical Workbooks/Sample Results
- Technical Reports

- QA Assessment Reports (Lab and Field)

2.6.6 Quality Assurance Assessment

Audits are the principal means in this Agency's QA Program to determine compliance with established QA protocols and guidelines. A complete discussion of these audits can be found in Section 3 of the Environmental Investigations Standard Operating Procedures and Quality Assurance Manual, 2006. The following audits are conducted by the Office of Quality Assurance (SQAMO):

- Performance Audits
- Technical System Audits
- Data Quality Audits
- System Audits
- Management System Review-Annual QA Report and Workplan

2.6.6.1 Water Quality Monitoring Program Assessment

To accomplish the QA objectives cited above, the Water Quality Monitoring Section and Pollution Source Compliance Section have developed and instituted SQAMO approved field study procedures and documentation, data review, and routine EPA operating overview. Some specifics of these Sections' QA/QC activities include:

- Submission of all study plans to SQAMO or designee for review and approval prior to implementation.

- Regular reviews and updates of SCDHEC's Environmental Investigations Standard Operating Procedures and Quality Assurance Manual (SOP) and Procedures Manual for Stream and Wastewater Facility Flow Measurement.

- At least once yearly all field personnel are accompanied on sample collection activities by the appropriate program quality assurance officer for evaluation of adherence to standard operating procedures (SOP) for QA/QC. These evaluations each year are for water quality monitoring SOP review and for facility compliance sampling SOP review.

- The Office of Quality assurance administers proficiency testing for all the DHEC laboratories in the State. These take place in January (Water Supply Chemistry PT testing), March (Water Supply microbiology PT testing) and July/August (Water Pollution chemistry PT testing).

- Field staff are also required to participate in either analyzing blind QC samples or PT samples if they perform field analysis for residual chlorine, conductivity and/or pH.

- Approximately every three years EPA Region 4 Office conducts an on-site routine audit of the Analytical and Radiological Environmental Services Division (ARESD), the Central Laboratory in Columbia and also reviews the Laboratory SOPs.

- Every year the Office of Quality Assurance performs internal audits on the Regional Labs. These audits include both a technical systems audit as well as a Data Quality Audit In addition; OQA performs an abbreviated Data Quality Audit on field staff. The reports go to the SQAMO, the Assistant Bureau Chief (Daphne Neel), the Regional lab directors and the Regional Laboratory Manager. The regional lab is given approximately thirty days to respond to and/or correct any findings. Once their response is submitted, and appropriate corrections have been made; the original report, their response and a letter recommending certification are sent to Carol Smith in SCDHEC Office of Laboratory Certification. Carol is the certifying authority over the Regional Laboratories.

- Internal assessments are also performed on ARESD Laboratories. These are conducted by the Office of Quality Assurance, but these are not certifying audits. EPA Region 4 is the certifying authority over the ARESD Laboratories.

2.6.7 Corrective Actions/Quality Improvement

Identifying quality problems and improving performance are key components in our quality improvement efforts. The SQAMO or QA Manager is responsible for responding to and resolving all quality assurance problems and needs. The Office of Quality Assurance will initiate corrective action to adverse conditions that compromise quality in the field or laboratory. Corrective actions may originate from audit findings or problems encountered and reported to the QA Manager or Program Manager. Staff are expected to initiate corrective actions immediately to resolve QA issues and concerns. Central/Regional Office Monitoring Program Managers and Laboratory Managers are responsible for making sure corrective actions have been implemented and reported to the Office of Quality Assurance.

2.7 Laboratory Support

2.7.1 Laboratory Services

The Analytical and Radiological Environmental Services Division (ARESD) provides laboratory services to the Bureaus of Water and Land and Waste Management. The analytical services offered include bacteriological, chemical, and physical analyses. The types of samples analyzed include water, wastewater, leachate, soil, sediment, chemical waste, fish, and shellfish.

The organizational structure encompasses five sections and seven regional laboratories. The Central Laboratory Sections include Sample Characterization/ Automated Analysis/ Data Management, Metals Analysis, Organic Analysis, and Environmental Microbiology located in the Hayne Building in Columbia. The Radiological Environmental Monitoring Section is located in the Sims/Aycock Building in Columbia. The seven regional laboratories are located in Aiken, Beaufort, North Charleston, Florence, Greenville, Lancaster, and Myrtle Beach.

The Regional Laboratories, except for Beaufort and Myrtle Beach, initiate all stream and wastewater analysis. The Central Laboratories provide support analyses, i.e., metal, nutrient, toxic extraction procedures, and organic analyses. The Beaufort and Myrtle Beach Regional Laboratories analyze

microbiological samples only. The Central Laboratory also acts as the Regional Laboratory for the Central Midlands District, performing the same functions as the other Regional Laboratories. Drinking Water Chemical Analysis is essentially a Central Laboratory program with support from the Regional Laboratories. All regional laboratories perform microbiological analyses for the Drinking Water Program.

2.7.2 Analytical Services Quality Assurance Program

The Division Director and the Quality Assurance Officer for EQC Laboratories coordinate the internal quality assurance program. The laboratory quality assurance program encompasses every aspect of the laboratory analysis from container preparation through the actual data release from the Analytical Services Laboratory to the Environmental Quality Control (EQC) Programs.

2.7.2.1 Analytical Services has developed two quality control manuals which detail the day-to-day operation of the quality assurance program: (1) Procedures and Quality Control Manual for Chemistry Laboratories--Analytical Services; and (2) Laboratory Procedures Manual for Environmental Microbiology-- Analytical Services. The elements of quality control addressed in the manuals include organization and sample chain of custody; personnel training; quality control of laboratory services, scope and application, equipment and supplies, reagents, standards, methodology, preservation and storage, calibration, performance criteria and quality assurance, and waste management.

2.7.2.2 The overall laboratory quality assurance program, which includes the previously discussed elements, requires a minimum of 25% of allocated resources. The frequency for analysis of replicates and spike recovery samples is noted in the manuals and is in compliance with U.S. EPA guidelines. Acceptance criteria for each QC check is stated. Performance samples are also analyzed as noted in the manuals. The Environmental Microbiology Laboratories perform replicate analyses, positive test controls, media control tests, equipment control tests, etc., as required by EPA Laboratory Certification and Evaluation guidelines. In addition, Analytical Services and the seven regional laboratories participate in annual Water Supply and Water Pollution Proficiency Testing Programs. All district personnel who collect samples that require field testing participate in either the yearly Water Supply or Water Pollution Proficiency Testing Program, whichever is appropriate.

2.7.2.3 The laboratory analyses are conducted according to the List of Approved Test Procedures in the Federal Register, Volume 49, No. 209, October 26, 1984; Federal Register, Volume 59, No. 20, January 31, 1994; and Federal Register, Volume 67, No. 205, October 23, 2002. The Analytical Services quality control manuals include a section on methodology designed to reduce variations in applied techniques among the State laboratories where methods permit analyst interpretation, and thus provide a more uniform approach which will increase the reproducibility of results reported from the laboratory system. Analytical SOPs are identified by number and date of revision. Each SOP includes the approved method reference.

SOPs includes instrument calibration and maintenance procedures as well as corrective actions for any deficiencies or problems encountered.

2.7.3 Sample Containers and Preservation

2.7.3.1 Control of the quality of laboratory analyses begins with the sample collection. The validity of analytical results obtained depends upon a representative sample of the source from which it was collected. The concentration of each constituent in a sample at the time of collection must be maintained until all analyses have been completed. Constituent concentrations may be altered after collection through contamination of the container, reactions between sample components and the container walls, and through naturally occurring reactions within the sample itself. This section contains the methodology employed by the Laboratories to control those factors which can affect sample validity. The actual sample collection procedures are not included in this manual; the reader should refer to the manual entitled Environmental Quality Control Environmental Investigations Standard Operating Procedures and Quality Assurance Manual 2006 Edition (SCDHEC).

2.7.3.2 The proper containers must be selected for sampling as well as the proper preservation and an adequate volume collected. Sample chain of custody procedures must be adhered to in order to ensure that sample integrity is maintained. An accurate record is needed to trace the possession of each sample from the time of collection to analysis. The reader should refer to the manual entitled Environmental Quality Control Environmental Investigations Standard Operating Procedures and Quality Assurance Manual 2006 Edition (SCDHEC), Section 19 and Appendix A for details.

Glass, polyethylene, and polypropylene bottles are used as sample containers. The sample container is cleaned and labeled for the parameter for which it is used. The containers used for the various parameters have been chosen for their chemical resistance to the chemical parameter of interest and the required preservatives. Random substitution of containers may not be made.

Special cleaning procedures are employed for the various containers. Each parameter or parameter group involves different interfering compounds and contaminants which must be removed from the container walls. Containers required for Parameters analyzed by the Organic and Inorganic Chemistry Laboratories are maintained by those laboratories. Clean containers for organic and inorganic parameters are shipped to the Regional Laboratories by the Data Management Section in Columbia. Containers required for parameters analyzed by the Regional Laboratories are maintained by those laboratories and cleaned according to special procedures.

2.7.3.3 Water samples either are preserved at the site immediately after collection or are preserved after bringing them back to the office or the lab in accordance with requirements established by the United States Environmental Protection Agency.

The district offices are responsible for requesting the preservatives in order to maintain an ample quantity. Each dispenser is labeled in bold letters to assist the collector to choose the proper preservative for the container; i.e., METALS, MERCURY, NUTRIENTS, TOC, etc. Because the concentration levels cannot be maintained at the level collected indefinitely, maximum holding times have been set for each parameter. Analyses must be completed during the time limits set for valid results. Required containers, preservatives, and holding times for each parameter and procedures used for preserving cyanide, phenol, and sulfide samples at the collection site are listed in the Procedures and Quality Control Manual for Chemistry Laboratories - Analytical Services, and Environmental Quality Control Environmental Investigations Standard Operating Procedures and Quality Assurance Manual 2006 Edition (Appendix A). The regional or central laboratory chemists

are responsible for providing containers, preservation materials, and preservation technique instructions to sample collectors for samples requiring cyanide, phenol, sulfide, and drinking water organic compounds.

2.7.4 Laboratory Evaluation Program

The SC Environmental Laboratory Certification Program is authorized by Regulation 61-81 entitled "State Environmental Laboratory Certification Regulation" which became effective on January 1, 1981. The Regulation applies to all laboratories which generate data for compliance with state environmental regulations or that is performing any other analyses related to environmental quality evaluations required by the Department or which will be officially submitted to the Department.

On-site evaluations of in-state certified laboratories are conducted at least every three years and are scheduled approximately three months prior to the date of expiration documented on the laboratory's certification certificate. The Certification Program currently offers certification for laboratories performing analyses of drinking water, wastewater and solid and/or hazardous wastes.

2.8 Data Review, Verification, and Validation

The following protocols are followed for review, verification, and validation of data use in the Ambient Water Quality Monitoring Program.

- The analyst reviews data and QC for accuracy and completeness. Data are submitted to the Lab Manager or senior level personnel for review and data verification.

- The laboratory manager reviews all sample request sheets originating in the District for correct information and sends to the Analytical and Radiological Environmental Services Division.

- The analyst, manager, Data Management Staff, or designated individual enters data into LIMS. Senior level personnel or the Data Management Staff verify the transcribed data for accuracy. The Lab Director, Asst. Lab Director, or designee releases the verified data from the laboratory and sends to the appropriate program area.

- When a particular sample fails any portion of the laboratory QC procedures the data are flagged in the LIM system according to Section IV-G of the Procedures and Quality Control Manual for Chemistry Laboratories--Analytical Services (SCDHEC, 2005) and results are not reported to the program. The program can request that data be released to them for information purposes only in some instances, e.g. if holding times were exceeded because samples did not arrive in the lab to be analyzed in a timely manner. The data notes would state that samples exceeded holding time, but were analyzed at the program's request.

- Data released from the laboratory is sent to the Information Services Section, forwarded to the Water Quality Monitoring Section for review, and returned to the Information Services Section for final data entry.

2.8.1 Reconciliation with Program Specific Data Quality Objectives

The Bureau of Water's Division of Water Quality Management, Assessment and Protection is responsible for final review and reporting of all monitoring results to EPA and other end users. Any limitations of data use will be conveyed in reports sent.

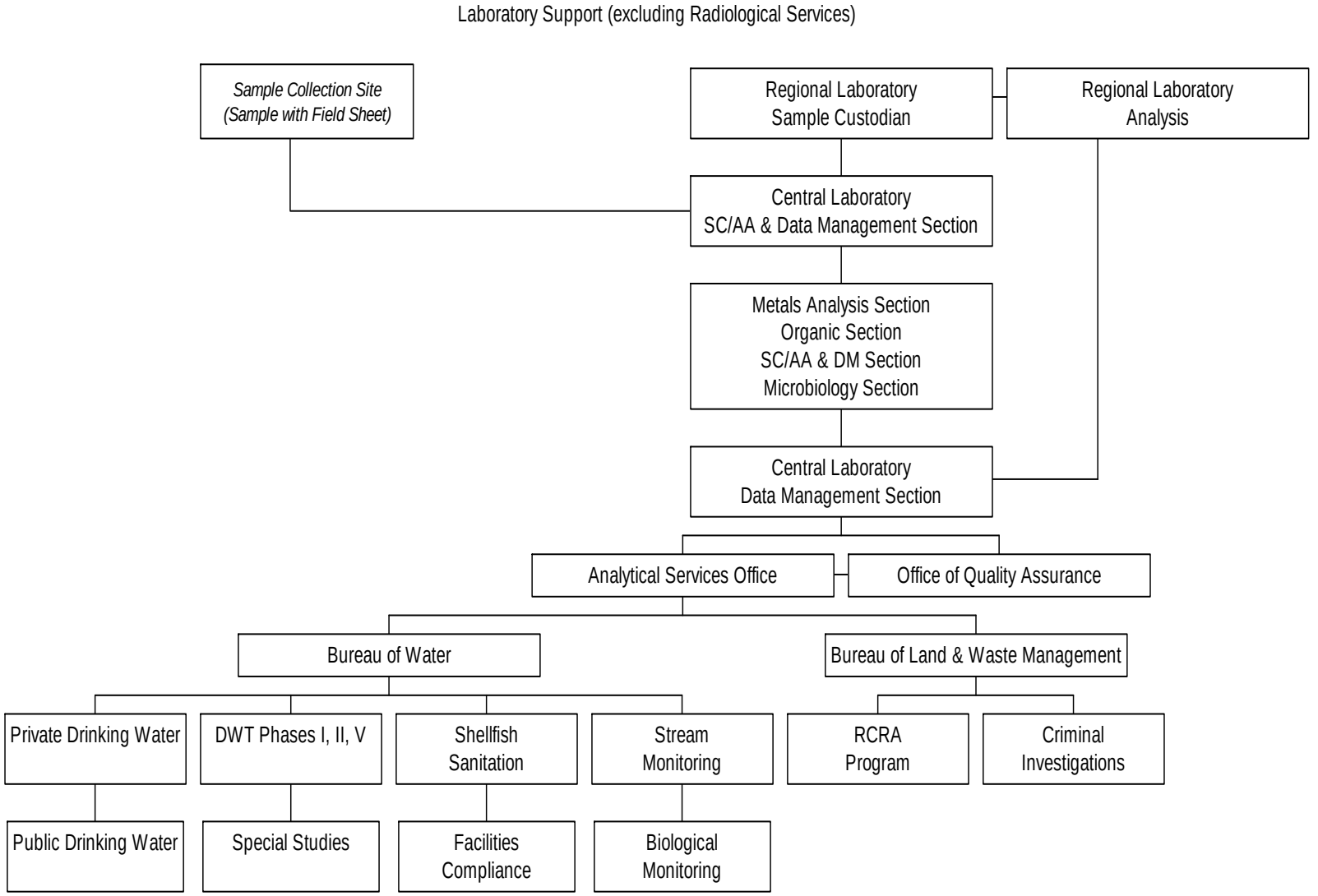


Figure 5. Analytical Services Chain-of-Custody and Data Flow

Appendices

A. Ambient Surface Water Quality Monitoring Site Descriptions

Listed By Regional Laboratory Office

AMBIENT MONITORING SITES FOR APPALACHIA II

STATION	DESCRIPTION	COUNTY LOCATION(S)	STREAM CLASS(ES)
APPALACHIA II - INTEGRATOR SITES - ACTIVE			
B-014	MIDDLE TYGER RVR AT S-42-64	SPARTANBURG	FW
B-018A	NORTH TYGER RVR AT S-42-231, 11 MI S OF SPARTANBURG	SPARTANBURG	FW
B-040	ENOREE RVR AT S-30-112	LAURENS, SPARTANBURG	FW
B-126	N PACOLET RVR AT S-42-978, 1 MI SE OF FINGERVILLE	SPARTANBURG	FW
B-150	WARRIOR CK AT US 221, 8 MI NNE OF LAURENS	LAURENS	FW
B-219	N TYGER RVR AT US 29 7.2 MI W OF SPARTANBURG	SPARTANBURG	FW
B-246	BEAVERDAM CK AT S-30-97, 7 MI NE OF GRAY COURT	LAURENS	FW
B-302	S PACOLET RVR US OF LK BOWEN AT S-42-866 1 MI SE CAMPOBELLO	SPARTANBURG	FW
B-331	PACOLET RVR AT S-42-59, BEACON LIGHT ROAD IN CLIFTON	SPARTANBURG	FW
B-332	S TYGER RVR AT S-42-86, 5 MI NE OF WOODRUFF	SPARTANBURG	FW
B-339	LAKE BOWEN O.3 MI WEST OF SC 9	SPARTANBURG	FW
BL-001	LAWSONS FORK CK AT S-42-108	SPARTANBURG	FW
CL-019	LK JOCASSEE IN FOREBAY EQUIDISTANT FROM DAM AND SHORELINES	OCONEE, PICKENS	TPGT
S-004	N SALUDA RVR AT BRDG AB JCT WITH SALUDA RVR E OF SC 186	GREENVILLE	FW
S-021	REEDY RVR AT S-30-06 E WARE SHOALS	LAURENS	FW
S-024	LAKE GREENWOOD, HEADWATERS, JUST US S-30-33	LAURENS, GREENWOOD	FW
S-072	REEDY RVR ON HWY 418 AT FORK SHOALS	GREENVILLE	FW
S-096	RABON CK AT S-30-54 8.8 MI NW CROSS HILL	LAURENS	FW
S-103	OOLENOY RVR AT S-39-47	PICKENS	FW
S-119	SALUDA RVR AT S-04-178 3.2 MI SE WILLIAMSTON	ANDERSON, GREENVILLE	FW
S-125	SALUDA RVR AT US 25 BYPASS 1.5 MI ESE WARE SHOALS	LAURENS, GREENWOOD	FW
S-178	HUFF CK AT SC 418 1.6 MI NW FORK SHOALS	GREENVILLE	FW
S-299	SOUTH SALUDA RVR AT SC 186	GREENVILLE, PICKENS	FW
S-300	GEORGES CK AT S-39-28	PICKENS	FW
S-301	BIG BRUSHY CK AT S-04-143	ANDERSON	FW
S-302	BIG CK AT S-04-116	ANDERSON	FW
S-303	LAKE GREENWOOD 200 FT US OF DAM	GREENWOOD, NEWBERRY	FW
S-304	BROAD MOUTH CK AT S-01-111	ABBEVILLE	FW
SV-004	CONEROSS CK AT SC 59	OCONEE	FW
SV-098	LAKE RUSSELL @ USACE WQM BUOY 1000 FT UPSTREAM SC 72 BRIDGE	ABBEVILLE	FW
SV-111	THREE & TWENTY CREEK AT S-04-280	ANDERSON	FW
SV-137	12 MI CK AT S-39-337	PICKENS	FW
SV-200	TUGALOO RVR ARM OF LAKE HARTWELL AT US 123	OCONEE	FW
SV-227	CHATTOOGA RVR AT SC 28 3.5 MI NW MT REST	OCONEE	ORW
SV-233	EIGHTEENMILE CK AT 2-04-279	ANDERSON	FW
SV-331	LK SECESSION, 1 1/4 MI BELOW SC ROUTE 28	ANDERSON	FW
SV-332	LK SECESSION APPROX 400 YDS ABOVE DAM	ABBEVILLE	FW
SV-335	LK JOCASSEE @ TOXAWAY,HORSE PASTURE,& LAUREL FK CONFLUENCE	OCONEE, PICKENS	TPGT
SV-336	LK JOCASSEE AT CONFLUENCE OF THOMPSON AND WHITEWATER RVRS	OCONEE	TPGT
SV-338	LK KEOWEE ABOVE SC ROUTE 130 AND DAM	OCONEE, PICKENS	FW

AMBIENT MONITORING SITES FOR APPALACHIA II

STATION	DESCRIPTION	COUNTY LOCATION(S)	STREAM CLASS(ES)
APPALACHIA II - INTEGRATOR SITES - ACTIVE (CONT.)			
SV-339	LK HARTWELL, SENECA RVR ARM AT USACE BUOY BTWN S-14 AND S-15	ANDERSON	FW
SV-340	LK HARTWELL, MAIN BODY @ USACE WQM BUOY BTWN MARKERS 11 & 12	ANDERSON	FW
SV-344	CHAUGA RIVER AT S-37-34	OCONEE	FW
SV-346	ROCKY RIVER AT S-04-244	ANDERSON	FW
SV-347	WILSON CREEK AT S-04-294	ANDERSON	FW
SV-361	LK KEOWEE IN FOREBAY OF LITTLE RIVER DAM	OCONEE	FW
SV-362	TWELVE MILE CK AT S-39-137	PICKENS	FW
SV-363	LAKE HARTWELL OFF GLENN FORD LANDING US BEAVERDAM CK COVE	ANDERSON	FW
APPALACHIA II - 2007 RANDOM LAKE SITES - ACTIVE			
RL-07009	LAKE BLALOCK 0.3 MI UPLAKE OF US 221	SPARTANBURG	FW
RL-07012	LAKE HARTWELL COVE TOWARD EAST SIDE 0.6 MI NE OF S-37-37 BRIDGE	OCONEE	FW
RL-07013	LAKE J. ROBINSON FOREBAY 16 METERS SW OF CORNER OF SAFETY BUOYS	GREENVILLE	FW
RL-07015	LAKE RABON SOUTH RABON CK ARM 100 METERS SE OF S-30-592 BRIDGE	LAURENS	FW
RL-07016	LAKE HARTWELL MOUTH LITTLE BEAVERDAM CK COVE 1.8 MI SE OF I-85 BRIDGE	ANDERSON	FW
RL-07020	LAKE GREENWOOD MOUTH OF COVE NEAR END OF S-30-87 (ANGLERS HAVEN)	LAURENS	FW
RL-07021	LAKE J. ROBINSON ALONG SHORE OF DEVELOPMENT 0.9 MI SSE OF S-23-113	GREENVILLE	FW
RL-07024	LAKE JOCASSEE MOUTH OF TOXAWAY RIVER ARM 2.1 MI NNW OF DAM	OCONEE	TPGT
RL-07025	LAKE BLALOCK 0.6 MI UPLAKE OF US 221	SPARTANBURG	FW
RL-07028	LAKE KEOWEE 0.1 MI NE OF PENINSULA TIP 0.3 MI NW OF DAM	OCONEE	FW
RL-07029	LAKE J. ROBINSON IN SOUTH FINGER OF SMALL COVE ON WESTERN SHORE	GREENVILLE	FW
RL-07031	LAKE RABON SOUTH RABON CK ARM 0.6 MI SSE OF BRIDGE S-30-592 SE OF MIDLAKE ISLAND AT MOUTH OF COVE	LAURENS	FW
RL-07032	LAKE HARTWELL AT MOUTH OF COVE NORTH OF END OF S-04-182	ANDERSON	FW
APPALACHIA II - 2007 RANDOM STREAM SITES - ACTIVE			
RS-07048	DURBIN CK AT S-30-67 7 MI NNE OF GRAY COURT (HIGH BRDG 100FT)	LAURENS	FW
RS-07056	UNNAMED TRIB TO THE PACOLET RIVER AT S-42-187 6 MI WSW OF CHESNEE THIS IS A CULVERT THAT WILL HAVE TO BE SAMPLED FROM THE BANK ON THE UPSTREAM SIDE	SPARTANBURG	FW
RS-07215	DODDIES CK AT INTERSECTION OF MISTLETOE LN AND OLD DACUSVILLE RD 8.7 MI NE OF PICKENS	PICKENS	FW
RS-07220	DILLARD CK AT WESTMORELAND RD 2.2 MI SSE OF GREENVILLE-SPARTANBURG AIRPORT	SPARTANBURG	FW
RS-07222	JOHNS CK AT S-01-616.7 MI ENE OF ABBEVILLE	ABBEVILLE	FW
APPALACHIA II - SEDIMENT ONLY SITES - ACTIVE			
SV-015	TWELVE MI CK AT S-39-51 N OF NORRIS	PICKENS	FW
SV-107	LAKE HARTWELL - TWELVE MI CK ARM AT SC 133	PICKENS	FW

AMBIENT MONITORING SITES FOR APPALACHIA II

STATION	DESCRIPTION	COUNTY LOCATION(S)	STREAM CLASS(ES)
APPALACHIA II - SEDIMENT ONLY SITES - ACTIVE (CONT.)			
SV-206	NORTH FORK AT US 178 2.9 MI N OF PICKENS	PICKENS	FW
SV-282	12 MI CK AT S-39-273 2.8 MI SSW OF PICKENS	PICKENS	FW
APPALACHIA II - SPECIAL PURPOSE SITES - ACTIVE			
B-005	SOUTH TYGER RVR AT S-42-63	SPARTANBURG	FW
BE-017	ENOREE RVR AT SC 296, 7.5 MI NE OF MAULDIN	GREENVILLE, SPARTANBURG	FW
CL-033	LAKE CRAIG 45 M NORTHWEST OF DAM	SPARTANBURG	FW
S-013	REEDY RVR AT S-23-30 3.9 MI SE GREENVILLE	GREENVILLE	FW
S-323	REEDY RVR AT S-23-316 3.5 MI SSW OF MAULDIN	GREENVILLE	FW
SV-230	EASTATOE CREEK AT S-39-143	PICKENS	TPGT
SV-341	LITTLE EASTATOE CREEK AT S-39-49	PICKENS	TPGT
SV-342	CANE CREEK AT S-37-133	OCONEE	FW
APPALACHIA II - SUMMER ONLY SITES - ACTIVE			
S-296	LAKE RABON 300 FT US OF DAM	LAURENS	FW
S-308	LAKE GREENWOOD, REEDY RVR ARM, 150 YDS US RABON CK	LAURENS	FW
S-311	BOYD MILL POND .6 KM W DAM	LAURENS	FW
SV-268	LAKE HARTWELL - EIGHTEEN MILE CK ARM AT S-04-1098	ANDERSON	FW
APPALACHIA II - BROAD BASIN SITES - INACTIVE			
B-008	TYGER RIVER AT S-42-50 E. WOODRUFF	SPARTANBURG	FW
B-012	MIDDLE TYGER RVR AT S-42-63	SPARTANBURG	FW
B-019	JIMMIES CK AT S-42-201 2 MI E OF WOODRUFF	SPARTANBURG	FW
B-020	FAIRFOREST CK AT US 221 S OF SPARTANBURG	SPARTANBURG	FW
B-021	FAIRFOREST CK AT SC 56	SPARTANBURG	FW
B-026	N PACOLET RVR AT S-42-956 6.5 MI E LANDRUM	SPARTANBURG	FW
B-028	PACOLET RVR AT S-42-55 BL JCT OF N & S PACOLET R	SPARTANBURG	FW
B-035	DURBIN CK ON S-23-160 3 MI E OF SIMPSONVILLE	GREENVILLE	FW
B-037	ENOREE RVR AT S-42-118 SW OF WOODRUFF	LAURENS, SPARTANBURG	FW
B-038	LICK CK AT S-42-118 1 1/4 MI SW WOODRUFF	SPARTANBURG	FW
B-041	ENOREE RVR AT SC 49 SE OF WOODRUFF	LAURENS, SPARTANBURG	FW
B-097	DURBIN CREEK AT SC 418	LAURENS	FW
B-099A	ON # 1 INLET LK LANIER IN GREENVILLE CO	GREENVILLE	FW
B-099B	AT DAM LK LANIER IN GREENVILLE CO	GREENVILLE	FW
B-103	SPIVEY CK AT S-42-208 2.5 MI SSE OF LANDRUM	SPARTANBURG	FW
B-113	SPARTANBURG RESERVOIR #1 ON S-42-213 NE OF INMAN	SPARTANBURG	FW
B-148	MIDDLE TYGER RVR AT SC 14 2 MI SSW GOWANSVILLE	GREENVILLE	FW

AMBIENT MONITORING SITES FOR APPALACHIA II

STATION	DESCRIPTION	COUNTY LOCATION(S)	STREAM CLASS(ES)
APPALACHIA II - BROAD BASIN SITES - INACTIVE (CONT.)			
B-149	S TYGER RVR AT SC 14 2.9 MI NNW OF GREER	GREENVILLE	FW
B-163A	PACOLET RVR AT BRDG ON S-42-737 2.9 MI NW OF COWPENS	SPARTANBURG	FW
B-164	FAIRFOREST CK AT S-42-651 3.5 MI SSE OF SPARTANBURG	SPARTANBURG	FW
B-186	MOUNTAIN CK AT S-23-335	GREENVILLE	FW
B-191	POTTER BR ON RD 30 BL OUTFALL FROM HOUSING PROJ COWPENS	SPARTANBURG	FW
B-192	PRINCESS CK AT SUBER MILL RD, 2ND RD S OF US 29 OFF S-23-540	GREENVILLE	FW
B-221	LAWSONS FK CK AT S-42-40 BL INMAN MILL EFF	SPARTANBURG	FW
B-231	BEARDS FORK CK AT US 276 (I-385) 3.7 MI NNE OF CLINTON	LAURENS	FW
B-235	KELSEY CK AT S-42-321	SPARTANBURG	FW
B-241	GILDER CK AT S-23-142 2.75 MI ENE OF MAULDIN	GREENVILLE	FW
B-259	LITTLE BUCK CK AT UN# CO RD 2.3 MI SW OF CHESNEE	SPARTANBURG	FW
B-263	S TYGER RVR AT SC 290 3.7 MI E OF GREER	SPARTANBURG	FW
B-277	LAWSONS FORK CK AT S-42-218 2.7 MI SSE OF INMAN	SPARTANBURG	FW
B-278	LAWSONS FORK CK AT UN# RD BL MILLIKEN CHEM	SPARTANBURG	FW
B-301	PAGE CK AT S-42-1258 1.7 MI SE LANDRUM	SPARTANBURG	FW
B-317	MUSH CK AT SC 253 BL TIGERVILLE	GREENVILLE	FW
B-321	TRIB TO FAIRFOREST CK 200 FT BL S-42-65	SPARTANBURG	FW
B-340	LAKE BOWEN NEAR HEADWATERS, 0.4 KM W OF S-42-37	SPARTANBURG	FW
B-341	LAKE CUNNINGHAM IN FOREBAY NEAR DAM	GREENVILLE	FW
B-347	LAKE BLALOCK IN FOREBAY NEAR DAM	SPARTANBURG	FW
B-348	LAKE COOLEY IN FOREBAY NEAR DAM	SPARTANBURG	FW
B-735	DUNCAN CREEK RESERVOIR 6B IN FOREBAY NEAR DAM	LAURENS	FW
BE-001	ENOREE RVR AT UNNUM RD W US 25 N TRAVELERS REST	GREENVILLE	FW
BE-007	ROCKY CK AT BRDG IN BATESVILLE 1 MI AB JCT WITH ENOREE	GREENVILLE	FW
BE-009	BRUSHY CK AT S-23-164	GREENVILLE	FW
BE-015	ENOREE RVR AT CO RD 164	GREENVILLE	FW
BE-018	ENOREE RVR AT S-30-75	LAURENS, SPARTANBURG	FW
BE-020	GILDER CK AT S-23-143 1/4 MI AB JCT WITH ENOREE RVR	GREENVILLE	FW
BE-035	BRUSHY CK AT HOWELL RD (S-23-273/335) APPROX 5 MI NE OF GREENVILLE (BIO B-798)	GREENVILLE	FW
BE-039	BEAVERDAM CK AT RD 1967	GREENVILLE	FW
BE-040	GILDER CK AT SC 14-AB GILDERS CK PT	GREENVILLE	FW
BL-005	LAWSONS FORK CK AT S-42-79 AT VALLEY FALLS	SPARTANBURG	FW
BP-001	PACOLET RVR AB DAM AT PACOLET MILLS	SPARTANBURG	FW
CL-035	LAKE JOHNSON AT SPILLWAY AT S-42-359	SPARTANBURG	FW
CL-100	LAKE J.ROBINSON, FOREBAY EQUIDISTANT FROM DAM AND SHORELINES	GREENVILLE	FW
APPALACHIA II - SALUDA-EDISTO BASIN SITES - INACTIVE			
S-005	BR OF GEORGES CK AT S-39-192, 2.6 MI NE EASLEY	PICKENS	FW
S-007	SALUDA RVR AT SC 81 SW OF GREENVILLE	ANDERSON, GREENVILLE	FW

STATION	DESCRIPTION	COUNTY LOCATION(S)	STREAM CLASS(ES)
APPALACHIA II - SALUDA-EDISTO BASIN SITES - INACTIVE (CONT.)			
S-010	BROAD MOUTH CK AT US 76	ANDERSON	FW
S-022	REEDY FORK OF LK GREENWOOD AT S-30-29	LAURENS	FW
S-034	LITTLE RVR AT US 76 BUS IN LAURENS ABOVE STP	LAURENS	FW
S-067	BRUSHY CK ON GREEN ST EXT BL DUNEAN MILL ON SC 20	GREENVILLE	FW
S-070	REEDY RVR AT U.S. 76	LAURENS	FW
S-073	REEDY RVR AT UN# RD OFF US 276 .75 MI W TRAVELERS REST	GREENVILLE	FW
S-077	MIDDLE SALUDA RVR AT S-23-41	GREENVILLE	FW
S-087	SOUTH SALUDA RIVER AT S-23-101	GREENVILLE, PICKENS	FW
S-088	N SALUDA RVR AT S-23-42 5.2 MI NNW TIGERVILLE	GREENVILLE	FW, ORW
S-091	ROCKY CK AT S-23-453 3.5 MI SW OF SIMPSONVILLE	GREENVILLE	FW
S-097	LAKE GREENWOOD - CANE CK ARM AT SC 72 3.1 MI SW CROSS HILL	LAURENS	FW
S-135	NORTH CK AT JCT WITH US 76 2.8 MI W OF CLINTON	LAURENS	FW
S-171	GROVE CK AT UN# RD BELOW J P STEVENS ESTES PLANT	GREENVILLE	FW
S-250	SALUDA LAKE AT FARRS BRDG ON SC 183 7 MI NE EASLEY	GREENVILLE, PICKENS	FW
S-252	MIDDLE SALUDA RVR AT SC 288 2.3 MI WSW SLATER	GREENVILLE	FW
S-264	LANGSTON CK AT SC 253	GREENVILLE	FW
S-267	TRIB TO SALUDA RVR 300 YDS BL W PELZER STP DS OF WOODCOCK RD	ANDERSON	FW
S-289	BROAD MOUTH CK AT S-04-267	ANDERSON	FW
S-291	TABLE ROCK RESERVOIR AT WATER INTAKE	GREENVILLE, PICKENS	ORW
S-292	NORTH SALUDA RESERVOIR AT WATER INTAKE	GREENVILLE	ORW
S-297	LITTLE RVR AT SC ROUTE 127	LAURENS	FW
S-307	LAKE GREENWOOD, RABON CK ARM, .8 KM N RD S-30-307	LAURENS	FW
S-312	LAKE RABON, S RABON CK ARM AT S-30-312	LAURENS	FW
S-313	LAKE RABON, N RABON CK ARM, 2.5 MI US DAM	LAURENS	FW
S-314	SALUDA LAKE, .5 MI US OF LANDING	GREENVILLE, PICKENS	FW
S-315	MILL CK AT BENT BRIDGE RD, BL CAROLINA PLATING	GREENVILLE	FW
S-319	REEDY RVR AT RIVERS ST, DOWNTOWN GREENVILLE	GREENVILLE	FW
S-320	SOUTH SALUDA RIVER AT S-39-113 (TABLE ROCK RD)	GREENVILLE, PICKENS	FW
S-321	NORTH RABON CK AT S-30-32	LAURENS	FW
S-322	SOUTH RABON CK ON DIRT RD BETWEEN SC 101 & S-30-76	LAURENS	FW
S-798	LAKE OOLENOY SAMPLED AT DRAIN NEAR SPILLWAY @ SC 11	PICKENS	FW
APPALACHIA II - SAVANNAH-SALKEHATCHIE BASIN SITES - INACTIVE			
SV-017	EIGHTEENMILE CK AT UNNUMBERED CO RD 2.25 MI SSW OF EASLEY	PICKENS	FW
SV-031	ROCKY RVR AT S-04-263 2.7 MI SE ANDERSON AT STP	ANDERSON	FW
SV-037	BETSY CK AT S-04-259 BL FIBERGLASS OUTFALL	ANDERSON	FW
SV-041	ROCKY RVR AT S-04-152 BL ROCKY RVR STP	ANDERSON	FW
SV-043	CHEROKEE CK AT S-04-318 4 MI S OF BELTON	ANDERSON	FW
SV-052	SAWNEY CK AT CO RD 1.5 MI SE OF CALHOUN FALLS	ABBEVILLE	FW

STATION	DESCRIPTION	COUNTY LOCATION(S)	STREAM CLASS(ES)
APPALACHIA II - SAVANNAH-SALKEHATCHIE BASIN SITES - INACTIVE (CONT.)			
SV-053B	BLUE HILL CK ON S MAIN ST ABBEVILLE	ABBEVILLE	FW
SV-100	LAKE RUSSELL AT SC 181 6.5 MI SW STARR	ANDERSON	FW
SV-106	MARTIN CK ARM OF LAKE HARTWELL AT S-37-65 N OF CLEMSON	OCONEE	FW
SV-108	CHOESTOEA CREEK AT S-37-49	OCONEE	FW
SV-135	EIGHTEENMILE CK AT S-39-93 S OF CENTRAL	ANDERSON, PICKENS	FW
SV-136	FIRST CK AFTER LEAVING CENTRAL AT CLVT ON MAW BRDG RD	PICKENS	FW
SV-139	CUPBOARD CK AT S-04-733 AB BREAZEALE ST PLANT & BL BLAIR HIL	ANDERSON	FW
SV-140	CUPBOARD CK AT S-04-209 BL EFF FROM BELTON 2 PLANT	ANDERSON	FW
SV-141	BROADWAY CK AT US 76 BTWN ANDERSON & BELTON	ANDERSON	FW
SV-164	LITTLE RIVER AT S-01-24	ABBEVILLE	FW
SV-181	6 & 20 CK AT S-04-29 8.2 MI SE OF PENDLETON	ANDERSON	FW
SV-199	CHATTOOGA RVR AT US ROUTE 76	OCONEE	ORW
SV-203	LITTLE RVR AT S-37-24 7.1 MI NE OF WALHALLA	OCONEE	FW
SV-205	SIXMILE CREEK AT S-39-160	PICKENS	FW
SV-236	LAKE HARTWELL AT S-37-184 6.5 MI SSE OF SENECA	OCONEE	FW
SV-239	GOLDEN CK AT S-39-222 1.2 MI NW OF LIBERTY	PICKENS	FW
SV-241	WOODSIDE BR AT US 123 1.5 MI E OF LIBERTY	PICKENS	FW
SV-245	EIGHTEENMILE CK AT S-39-27 3.3 MI S OF LIBERTY	PICKENS	FW
SV-249	LAKE HARTWELL HEADWATERS, SENECA RVR ARM AT SC 183	OCONEE, PICKENS	FW
SV-258	BROADWAY LAKE, NEALS CK ARM 50% BETWEEN BANKS AT GOLF COURSE	ANDERSON	FW
SV-288	LK HARTWELL, SENECA RV @ USACE WQM BUOY BETWEEN S-28A & S-29	ANDERSON	FW
SV-301	NORRIS CK AT S-37-435 1 MI S OF WESTMINSTER	OCONEE	FW
SV-308	E FK OF CHATTOOGA RVR AT SC 107 2 MI S OF ST LINE	OCONEE	ORW
SV-311	LK KEOWEE AT SC 188 - CANE CK ARM 3.5 MI NW SENECA	OCONEE	FW
SV-312	LK KEOWEE AT SC 188 - CROOKED CK ARM 4.5 MI N SENECA	OCONEE	FW
SV-316	BIG GENEROSTEE CK AT CO RD 104	ANDERSON	FW
SV-319	BROADWAY LAKE BROADWAY CK ARM UPSTREAM OF PUBLIC ACCESS	ANDERSON	FW
SV-321	BROADWAY LAKE FOREBAY 50% BETWEEN SPILLWAY AND OPPOSITE LAND	ANDERSON	FW
SV-333	CONEROSS CK AT S-37-13	OCONEE	FW
SV-334	LK JOCASSEE, MAIN BODY AT DUKE POWER BUOY 558.7	OCONEE, PICKENS	TPGT
SV-337	LK JOCASSEE OUTSIDE COFFER DAM AT BAD CK PROJECT	OCONEE	TPGT
SV-343	LITTLE CANE CREEK AT S-37-133	OCONEE	FW
SV-345	BEAVERDAM CREEK AT S-37-66	OCONEE	FW
SV-348	LITTLE RIVER AT S-01-32	ABBEVILLE	FW
SV-349	LONG CANE CREEK AT S-01-159	ABBEVILLE	FW
SV-357	LAKE RUSSELL, ROCKY RVR ARM BETWEEN MARKERS 48 & 49	ABBEVILLE	FW
SV-358	LAKE YONAH, 50% BETWEEN SPILLWAY CENTER AND OPPOSITE SHORE	OCONEE	FW
SV-359	TUGALOO LAKE, FOREBAY EQUIDISTANT FROM SPILLWAY & SHORELINES	OCONEE	TPGT
SV-360	LAKE ISSAQUEENA FOREBAY EQUIDISTANT FROM DAM & SHORELINES	PICKENS	FW
SV-364	BEAVERDAM CREEK AT SC 243	ANDERSON	FW

AMBIENT MONITORING SITES FOR LOWER SAVANNAH

STATION	DESCRIPTION	COUNTY LOCATION(S)	STREAM CLASS(ES)
LOWER SAVANNAH - INTEGRATOR SITES - ACTIVE			
CL-041	CLARKS HILL RESERVOIR IN FOREBAY NEAR DAM	MCCORMICK	FW
CSTL-001B	TURKEY CK 1 MI BL MILLIKEN BARNWELL OUTFALL AT CLINTON ST.	BARNWELL	FW
CSTL-028	SALKEHATCHIE RVR AT SC 64 2 MI W OF BARNWELL	BARNWELL	FW
CSTL-048	SALKEHATCHIE RIVER AT U.S. 301 & 321	ALLENDALE, BAMBERG	FW
CSTL-076	WHIPPY SWAMP AT S-25-13	HAMPTON	FW
CSTL-104	SALKEHATCHIE RIVER AT SC 63	COLLETON, HAMPTON	FW
CSTL-115	LITTLE SALKEHATCHIE RIVER AT U.S. 601	BAMBERG	FW
CSTL-116	LEMON CREEK AT S-05-541	BAMBERG	FW-SP
CSTL-117	LITTLE SALKEHATCHIE RIVER AT SC 64	COLLETON	FW
CSTL-118	WILLOW SWAMP AT S-15-27	COLLETON	FW
CSTL-119	BUCKHEAD CREEK AT SC 212	COLLETON	FW
CSTL-120	LITTLE SALKEHATCHIE RIVER AT SC 63	COLLETON	FW
E-008A	N FORK EDISTO RVR AT S-38-63	ORANGEBURG	FW
E-011	S FORK EDISTO RVR AT SC 39	BARNWELL, ORANGEBURG	FW
E-012	S FORK EDISTO RVR AT S-38-39 BRIDGE	ORANGEBURG, BAMBERG	FW
E-013A	EDISTO RVR AT US 21	BAMBERG, ORANGEBURG	FW
E-030	DEAN SWAMP AT US 176	BERKELEY, ORANGEBURG	FW
E-036	GOODLAND CK AT SC 4 2.1 MI E OF SPRINGFIELD	ORANGEBURG	FW
E-039	ROBERTS SWAMP AT SC 332	ORANGEBURG	FW
E-042	BULL SWAMP CK AT S-38-189	ORANGEBURG	FW
E-050	COW CASTLE CK AT S-38-170	ORANGEBURG	FW
E-051	PROVIDENCE SWP AT E FRONTAGE RD TO I-95 NW OF HOLLY HILL	ORANGEBURG	FW
E-052	HORSE RANGE SWAMP AT US 176	ORANGEBURG	FW
E-059	4 HOLE SWP AT S-38-50 5.2 MI SE OF CAMERON	ORANGEBURG, CALHOUN	FW-SP
E-084	N FORK EDISTO RVR AT S-02-74	AIKEN, LEXINGTON	FW
E-099	N FORK EDISTO RVR AT S-38-74 NW ORANGEBURG	ORANGEBURG	FW
E-102	N FORK EDISTO RVR AT S-02-110	AIKEN, LEXINGTON	FW
E-103	BLACK CK AT S-32-53 (RAMBO BRIDGE)	LEXINGTON	FW
E-104	N FORK EDISTO RVR AT S-38-73	ORANGEBURG	FW
E-105	CAW CAW SWAMP AT S-38-1032 (1148?)	ORANGEBURG	FW-SP
E-106	SHAW CK AT S-02-576	AIKEN	FW
E-107	DEAN SWAMP CK AT SC 4	ORANGEBURG	FW
E-108	CATTLE CK AT S-18-19	DORCHESTER	FW
E-111	FOUR HOLE SWAMP AT SC 210	ORANGEBURG	FW-SP
E-112	FOUR HOLE SWAMP AT SC 453	DORCHESTER, ORANGEBURG	FW-SP
E-113	S FORK EDISTO RVR AT S-02-152	AIKEN	FW
S-093	NINETY SIX CK AT SC 702 5.2 MI ESE OF 96	GREENWOOD	FW
S-123	LITTLE SALUDA RVR AT S-41-39 5.2 MI NE SALUDA	SALUDA	FW
S-324	CLOUDS CK AT US 378	SALUDA	FW
SV-175	LOWER THREE RUNS CK AT SC 125 11 MI NW OF ALLENDALE	ALLENDALE	FW

AMBIENT MONITORING SITES FOR LOWER SAVANNAH

STATION	DESCRIPTION	COUNTY LOCATION(S)	STREAM CLASS(ES)
LOWER SAVANNAH - INTEGRATOR SITES - ACTIVE (CONT.)			
SV-192	LITTLE RIVER AT S-33-19	MCCORMICK	FW
SV-250	HORSE CK AT SC 125 1.5 MI SW CLEARWATER	AIKEN	FW
SV-318	LONG CANE CK AT S-33-117 7.0 MI NW MCCORMICK	MCCORMICK	FW
SV-325	UPPER THREE RUNS AT SRP ROAD A	AIKEN	FW
SV-350	HOLLOW CREEK AT S-02-5	AIKEN	FW
SV-352	TURKEY CREEK AT S-33-227/S-19-68	EDGEFIELD, MCCORMICK	FW
SV-353	BEAVERDAM CREEK AT FOREST SERVICE ROAD 621 OFF S-19-68	EDGEFIELD	FW
SV-354	STEVENS CREEK AT S-33-88/S-19-143	EDGEFIELD, MCCORMICK	FW
SV-365	STEVENS CREEK AT S-33-138	MCCORMICK	FW
SV-366	SAVANNAH RVR OFF JACKSON LANDING OFF END OF S-02-299	AIKEN	FW
SV-367	SAVANNAH RIVER OFF LITTLE HELL LANDING OFF S-03-368	ALLENDALE	FW
SV-368	SAVANNAH RVR OFF COHENS BLUFF LANDING OFF S-03-41	ALLENDALE	FW
LOWER SAVANNAH - 2007 RANDOM LAKE SITES - ACTIVE			
RL-07004	LONG CANE CREEK ARM OF CLARKS HILL RESERVOIR 1 MI SSW OF SC 28 BRIDGE	MCCORMICK	FW
RL-07011	LANGLEY POND NEAR SHORE NEAR END OF S-02-488	AIKEN	FW
LOWER SAVANNAH - 2007 RANDOM STREAM SITES - ACTIVE			
RS-07046	WILSON CK AT S-24-397 1 MI NE OF NINETY SIX	GREENWOOD	FW
RS-07052	UNNAMED TRIB TO HORSE CK AT S-02-145 2 MI SE OF CLEARWATER	AIKEN	FW
RS-07058	BLACK CK AT S-15-114 7 MI WSW OF WALTERBORO	COLLETON	FW
RS-07206	STALEY BRANCH AT S-38-117 1 MI SSW OF ROWESVILLE	ORANGEBURG	FW
RS-07213	MILL BRANCH AT S-38-36 BETWEEN I-26 AND S-38-492 WILL HAVE TO SAMPLE FROM THE DOWNSTREAM BANK.	ORANGEBURG	FW
RS-07214	MCTIER CREEK AT S-02-209 6.3 MI S OF MONETTA	AIKEN	FW
LOWER SAVANNAH - SALUDA-EDISTO BASIN SITES - INACTIVE			
E-001	FIRST BR AT BRDG ADJACENT TO WTR PLT AT JOHNSTON AT S-19-41	EDGEFIELD	FW
E-002	S FORK EDISTO RVR AT S-19-57 BL JOHNSTON SWR OUTFALL	EDGEFIELD	FW
E-007	N FORK EDISTO RVR AT US 601 AT ORANGEBURG	ORANGEBURG	FW
E-007A	N FORK EDISTO RVR AT POWER LINE CROSSING 2 MI BL E-007	ORANGEBURG	FW
E-007B	N FORK EDISTO RVR 4 MI BL E-007 AT A CABIN	ORANGEBURG	FW
E-007C	N FORK EDISTO RVR AT POLICEMANS CAMP 6 MI BL E-007	ORANGEBURG	FW
E-008	N FORK EDISTO RVR AT S-38-39 WSW OF ROWESVILLE	ORANGEBURG	FW
E-013	EDISTO RVR AT US 78 W OF BRANCHVILLE	BAMBERG, ORANGEBURG	FW
E-022	GRAMLING CK AT CLVT ON SC 33 2 MI E OF ORANGEBURG	ORANGEBURG	FW-SP
E-076	LITTLE BULL CREEK AT SC 33-BL UTICA TOOL	ORANGEBURG	FW

AMBIENT MONITORING SITES FOR LOWER SAVANNAH

STATION	DESCRIPTION	COUNTY LOCATION(S)	STREAM CLASS(ES)
LOWER SAVANNAH - SALUDA-EDISTO BASIN SITES - INACTIVE (CONT.)			
E-090	S FORK EDISTO RVR AT US 1 12 MI NE AIKEN	AIKEN	FW
E-091	CHINQUAPIN CREEK AT SC 391 5.5 MI S BATESBURG	AIKEN, LEXINGTON	FW
E-092	N FORK EDISTO RVR AT SC 3 5.5 MI NW NORTH	ORANGEBURG	FW
E-094	SHAW CREEK AT S-02-26 4.2 MI NE AIKEN	AIKEN	FW
S-050	LITTLE SALUDA RVR AT US 378 E SALUDA	SALUDA	FW
S-092	CORONACA CK AT S-24-100 4 MI NW OF 96	GREENWOOD	FW
S-131	LK GREENWOOD AT US 221 7.6 MI NNW 96	GREENWOOD, LAURENS	FW
S-186	SALUDA RVR AT SC 34 6.5 MI ESE OF 96	GREENWOOD, NEWBERRY	FW
S-233	WILSON CK AT S-24-101	GREENWOOD	FW
S-235	WILSON CK AT S-24-124	GREENWOOD	FW
S-255	CLOUDS CK AT S-41-26 4 MI NW BATESBURG	SALUDA	FW
S-295	SALUDA RIVER AT S.C. ROUTE 39	SALUDA, NEWBERRY	FW
LOWER SAVANNAH - SAVANNAH-SALKEHATCHIE BASIN SITES - INACTIVE			
CL-039	LITTLE RIVER ARM OF CLARKS HILL RESERVOIR	MCCORMICK	FW
CL-040	CLARKS HILL RESERVOIR HEADWATERS (SAVANNAH RVR)	MCCORMICK	FW
CL-064	LAKE EDGAR BROWN IN FOREBAY NEAR DAM	BARNWELL	FW
CL-067	VAUCLUSE POND IN FOREBAY NEAR DAM	AIKEN	FW
CL-069	LANGLEY POND IN FOREBAY NEAR DAM	AIKEN	FW
CSTL-003	SALKEHATCHIE RVR AT SC 278 2.5 MI S BARNWELL	BARNWELL	FW
CSTL-006	SALKEHATCHIE RVR AT 601 9 MI NE HAMPTON	COLLETON, HAMPTON	FW
CSTL-110	COOSAWHATCHIE RVR AT S-03-47	ALLENDALE	FW
SV-068	BEAVERDAM CK AT S-19-35 3.8 MI NW OF EDGEFIELD	EDGEFIELD	FW
SV-069	SAND RVR AT OLD US 1 1.2 MI SE WARRENVILLE	AIKEN	FW
SV-071	HORSE CK AT S-02-104 0.6 MI SW GRANITEVILLE	AIKEN	FW
SV-072	HORSE CK AT S-02-145	AIKEN	FW
SV-073	LITTLE HORSE CK AT SC 421 BL EFF OF CLEARWTR FIN	AIKEN	FW
SV-096	HORSE CK BELOW LANGLEY POND AT S-02-254	AIKEN	FW
SV-118	SAVANNAH RVR AT US 301 12.5 MI SW ALLENDALE	ALLENDALE	FW
SV-151	HARD LABOR CREEK AT S-24-164 BRIDGE	GREENWOOD	FW
SV-251	SAVANNAH RVR AT US 1 1.5 MI SW N. AUGUSTA	AIKEN	FW
SV-252	SAVANNAH RVR AT SC 28 1.6 MI NNW OF BEECH ISLAND	AIKEN	FW
SV-291	CLARKS HILL RESERVOIR AT US 378 7 MI SW MCCORMICK	MCCORMICK	FW
SV-294	STEVENS CK RESERVOIR HEADWATERS AT CLARKS HILL DAM BOAT RAMP	MCCORMICK	FW
SV-323	SAVANNAH RVR AT LOCK AND DAM	AIKEN	FW
SV-324	TIMS BR AT SRP ROAD C	AIKEN	FW
SV-326	FOURMILE BR AT SRP ROAD A-7	BARNWELL	FW
SV-327	STEEL CK AT SRP ROAD A	BARNWELL	FW
SV-328	LOWER THREE RUNS CK AT S-06-20 7.5 MI SW BARNWELL	BARNWELL	FW

AMBIENT MONITORING SITES FOR LOWER SAVANNAH

STATION	DESCRIPTION	COUNTY LOCATION(S)	STREAM CLASS(ES)
LOWER SAVANNAH - SAVANNAH-SALKEHATCHIE BASIN SITES - INACTIVE (CONT.)			
SV-329	HORSE CREEK AT ASCAUGA LAKE RD (S-02-33) IN GRANITEVILLE	AIKEN	FW
SV-330	STEVENS CREEK AT S-33-21	MCCORMICK	FW
SV-351	CUFFYTOWN CREEK AT S-33-138	MCCORMICK	FW
SV-686	FLAT ROCK POND IN FOREBAY NEAR DAM	AIKEN	FW
SV-722	GRANITEVILLE POND #2 IN FOREBAY NEAR DAM	AIKEN	FW

AMBIENT MONITORING SITES FOR TRIDENT

STATION	DESCRIPTION	COUNTY LOCATION(S)	STREAM CLASS(ES)
TRIDENT - CATAWBA-SANTEE BASIN SITES - ACTIVE			
CSTL-043	SAWMILL BR AT SC 78 E OF SUMMERVILLE	DORCHESTER	FW
CSTL-063	WASSAMASSAW SWP AT US 176	BERKELEY	FW
CSTL-099	EAGLE CK AT SC 642 5 MI SSE OF SUMMERVILLE	DORCHESTER	SB
MD-020	MOUTH OF WAPPOO CK BTWN CHANNEL MARKERS 3 & 4	CHARLESTON	SB
MD-025	MOUTH OF ELLIOTT CUT AT EDGE WTR DR (S-10-26 OFF HW 17)	CHARLESTON	SFH
MD-026	STONO RVR AT SC 700	CHARLESTON	SFH
MD-034	RT BK OF ASHLEY RVR BTWN MOUTH OF WAPPOO CK & DILLS CK	CHARLESTON	SA
MD-044	COOPER RVR BL MOUTH OF GOOSE CK AT CHANNEL BUOY 60	CHARLESTON	SB
MD-046	COOPER RVR UNDER GRACE MEMORIAL BRDG	CHARLESTON	SB
MD-047	TOWN CK (W SIDE OF DRUM ISL) UNDER GRACE MEMORIAL BRDG	CHARLESTON	SB
MD-048	MID CHANNEL BETWEEN FT JOHNSON & FT MOULTRIE	CHARLESTON	SB
MD-114	GOOSE CK AT US 52 N CHTN	CHARLESTON, BERKELEY	FW
MD-121	LOG BRIDGE CK AT SC 162	CHARLESTON	SFH
MD-135	ASHLEY RVR AT SC 7 (N BRDG)	CHARLESTON	SA-SP
MD-152	COOPER RVR AT S-08-503 6.2 MI ESE OF GOOSE CK	BERKELEY	FW, SB
MD-198	WANDO RVR BTWN RATHALL & HOBCAW CKS	CHARLESTON, BERKELEY	SFH
MD-203	JEREMY CK NEAR BOAT LANDING AT MCCLELLANVILLE TOWN HALL	CHARLESTON	SFH
MD-207	KIAWAH RIVER MOUTH AT STONO RIVER	CHARLESTON	SFH
MD-208	STONO RIVER MOUTH AT BUOY 10 OFF SANDY PT	CHARLESTON	SFH
MD-217	DURHAM CK AT S-08-9 BRIDGE	BERKELEY	FW
MD-240	FOSTER CREEK AT CHARLESTON CPW WATER INTAKE	BERKELEY	FW
MD-243	SHIPYARD CK BETWEEN MARKER #6 AND MCALLOY DOCK	CHARLESTON	SB
MD-246	CHURCH CK MOUTH	CHARLESTON	SA-SP
MD-249	FILBIN CREEK AT VIRGINIA AVE, NORTH CHARLESTON	CHARLESTON	SB
MD-250	AWENDAW CREEK AT US 17	CHARLESTON	SFH
ST-005	N SANTEE RVR AT US 17	GEORGETOWN	FW, SA
ST-007	WALKER SW AT US 52 2.5 MI S ST STEPHENS	BERKELEY	FW
ST-033	GOOSE CK RESERVOIR AT 2ND POWERLINES US OF BOAT RAMP	BERKELEY	FW
TRIDENT - INTEGRATOR SITES - ACTIVE			
CSTL-013	DORCHESTER CK AT SC 165	DORCHESTER	SA
CSTL-078	CYPRESS SWAMP AT US 78	DORCHESTER	FW
CSTL-085	PIER IN COOPER RVR AT END OF RICE MILL RD IN PIMLICO	BERKELEY	FW
CSTL-102	ASHLEY RVR AT SC 165 4.8 MI SSW OF SUMMERVILLE	DORCHESTER	FW, SA
CSTL-112	WAMBAW CK AT EXTENSION OF S-10-857 BRIDGE NEAR BOAT LANDING	CHARLESTON, BERKELEY	FW
CSTL-113	WADBOO SWP AT SC 402	BERKELEY	FW
CSTL-123	EAST BR COOPER RVR AT BONNEAU FERRY PLANTATION. CALL LUKE BR OWN @ 859-1823 FOR ENTRY INTO GATE.	BERKELEY	FW
CSTL-124	BACK RIVER RES IN FOREBAY EQUIDISTANT FROM DAM AND SHORELINES	BERKELEY	FW

AMBIENT MONITORING SITES FOR TRIDENT

STATION	DESCRIPTION	COUNTY LOCATION(S)	STREAM CLASS(ES)
TRIDENT - INTEGRATOR SITES - ACTIVE (CONT.)			
E-015	EDISTO RVR AT SC 61 AT GIVHANS FERRY ST PK	COLLETON, DORCHESTER	FW
E-015A	FOUR HOLE SWAMP AT S-18-19	DORCHESTER	FW-SP
E-032	INDIAN FIELD SWAMP AT S-18-19	DORCHESTER	FW-SP
E-086	EDISTO RVR AT S-18-29	COLLETON, DORCHESTER	FW
E-109	POLK SWAMP AT S-18-19	DORCHESTER	FW-SP
MD-039	GOOSE CK AT S-08-136 BRIDGE	BERKELEY	SB
MD-045	COOPER RVR AB MOUTH OF SHIPYD CK AT CHANNEL BUOY 49	CHARLESTON, BERKELEY	SB
MD-052	ASHLEY RVR AT SALRR BRDG MARKER #6A	CHARLESTON	SA
MD-069	INTRACOASTAL WATERWAY AT SC 703 E MT PLEASANT BEN SAWYER BRIDGE	CHARLESTON	SB, SFH
MD-115	WANDO RVR AT SC 41	BERKELEY	SFH
MD-120	DAWHO RVR AT SC 174 9 MI N OF EDISTO BCH SP	CHARLESTON	ORW
MD-130	FOLLY RIVER AT SC 171	CHARLESTON	SFH
MD-165	CHAS HBR AT FT JOHNSON PIER AT MARINE SCI LAB	CHARLESTON	SB
MD-202	STONO RVR AT S-10-20 2 MI UPSTRM OF CLEMSON EXP STA	CHARLESTON	SFH
MD-206	STONO RIVER AT ABBAPOOLA CREEK	CHARLESTON	SFH
MD-209	BOHICKET CK AT FICKLING CK	CHARLESTON	ORW
MD-247	CHARLESTON HARBOR OVER MT PLEASANT WWTP DIFFUSER	CHARLESTON	SB
MD-261	YONGES ISLAND CREEK, MARKER #90 (12-03)	CHARLESTON	ORW
MD-262	N EDISTO RVR AT LEADENWAH CREEK (12-08)	CHARLESTON	ORW
MD-264	WANDO RIVER AT I-526 MARK CLARK EXPRESSWAY (09B-15)	CHARLESTON, BERKELEY	SFH
MD-265	ALLIGATOR CREEK AT STATE SHELLFISH GROUND (06B-12)	CHARLESTON	SFH, ORW
MD-266	CASINO CREEK AT CLOSURE LINE (06B-16)	CHARLESTON	SFH, ORW
MD-267	FIVE FATHOM CREEK AT BULL RIVER (07-06A)	CHARLESTON	SFH
MD-268	AWENDAW CREEK AT MARKER #57 (07-03)	CHARLESTON	SFH
MD-269	SEWEE BAY AT MOORES LANDING (08-09)	CHARLESTON	SFH
MD-270	BULL YARD SOUND - MARKER #104 (08-04)	CHARLESTON	ORW
MD-271	HAMLIN SOUND (08-02)	CHARLESTON	SFH
MD-272	LOWER HAMLIN CREEK AT SITE OF NEW BRIDGE (09A-29) IOP CONNECTOR	CHARLESTON	SFH
MD-273	KIAWAH RIVER ON THE FLATS (11-21)	CHARLESTON	SFH
MD-274	FOLLY CREEK AT SECESSIONVILLE POLLUTION LINE (10A-15A)	CHARLESTON	SFH
ST-001	SANTEE RVR AT SC 41/US 17A NE OF JAMESTOWN	BERKELEY, WILLIAMSBURG	FW
ST-006	S SANTEE RVR AT US 17	CHARLESTON, GEORGETOWN	FW, SA
ST-016	SANTEE RVR AT US 52 6.5 MI NNW OF ST STEPHENS	BERKELEY, WILLIAMSBURG	FW
ST-031	REDIVERSION CANAL AT US 52	BERKELEY	FW
TRIDENT - 2007 RANDOM LAKE SITES - ACTIVE			
RL-07001	GOOSE CREEK RESERVOIR 100 M NW OF SW DAM	BERKELEY	FW
RL-07017	GOOSE CK RESERVOIR 0.6 MI NW OF 2ND POWERLINES US OF BOAT RAMP, NEAR W SHORE BTWN 2 WESTERN EMBAYMENTS	BERKELEY	FW

AMBIENT MONITORING SITES FOR TRIDENT

STATION	DESCRIPTION	COUNTY LOCATION(S)	STREAM CLASS(ES)
TRIDENT - 2007 RANDOM OPEN WATER SITES - ACTIVE			
RO-07328	INTRACOASTAL WATERWAY 0.4 MI ENE OF MOUTH OF JEREMY CREEK	CHARLESTON	SFH
RO-07331	STONO RIVER 1.75 MI SE OF S-10-20 (LIMEHOUSE BRIDGE)	CHARLESTON	SFH
RO-07336	CHARLESTON HARBOR 0.4 MI SE OF MOUTH OF SHEM CREEK	CHARLESTON	SB
RO-07339	SOUTH EDISTO RIVER APPROX 1 MI NE MOUTH OF SAMPSON ISLAND CREEK	CHARLESTON	ORW
RO-07340	INTRACOASTAL WATERWAY 0.5 MI SW OF MOUTH OF HAMLIN CREEK	CHARLESTON	SFH
TRIDENT - 2007 RANDOM TIDE CREEK SITES - ACTIVE			
RT-07039	UNNAMED TRIBUTARY TO BAILEY CREEK 5.3 MI E OF TOWN OF EDISTO ISLAND	CHARLESTON	ORW
RT-07040	CLOUTER CREEK 0.5 MI BELOW NORTHERN CONFLUENCE WITH COOPER RIVER AROUND FIRST BEND	BERKELEY	SB
RT-07043	ADAMS CREEK 0.45 MI UPSTREAM CONFLUENCE WITH BOHICKET CREEK NEAR MOUTH OF FIRST MAJOR CREEK	CHARLESTON	ORW
RT-07048	LITTLE PAPAS CREEK 0.4 MI SW OF MUDDY BAY & 0.15 MI E OF CONNECTOR TO NELLIE	CHARLESTON	ORW
RT-07055	DAWHO RIVER 0.2 MI US OF CONFLUENCE WITH NORTH CREEK/ICWW	CHARLESTON	ORW
RT-07056	JOHNFIELD CREEK 0.25 MI FROM MOUTH	BERKELEY	SFH
RT-07060	VENNING CREEK 0.7 MI FROM MOUTH OF VANDERHORST CREEK	CHARLESTON	ORW
TRIDENT - SPECIAL PURPOSE SITES - ACTIVE			
MD-043	COOPER RVR AT CHANNEL MARKER 72 NEAR USN AMMO DEPOT	BERKELEY	SB
MD-049	ASHLEY RVR AT MAGNOLIA GARDENS	CHARLESTON	SA
MD-071	SHEM CK AT COLEMAN BLVD (BUS US 701, 17, SC 703)	CHARLESTON	SB
MD-248	COOPER RIVER AT MARK CLARK BRIDGE (I-526)	CHARLESTON, BERKELEY	SB
ST-032	GOOSE CREEK RESERVOIR 100 M US OF DAM	BERKELEY	FW
TRIDENT - SALUDA-EDISTO BASIN SITES - INACTIVE			
E-014	EDISTO RVR AT US 15 S OF ST GEORGE	COLLETON, DORCHESTER	FW
E-016	POLK SWP AT UNIMP RD S-18-180 2 MI S OF ST GEORGE	DORCHESTER	FW-SP
E-100	4 HOLE SWP AT US 78 E OF DORCHESTER	DORCHESTER	FW-SP
MD-195	CHURCH CK AT SC 700 1 MI SW OF CEDAR SPRINGS	CHARLESTON	SFH
MD-210	BOHICKET CK MOUTH AT N EDISTO RVR	CHARLESTON	ORW
MD-211	N EDISTO RVR MOUTH BTWN KIAWAH ISLAND & BOTANY BAY ISL	CHARLESTON	ORW

AMBIENT MONITORING SITES FOR PEE DEE

STATION	DESCRIPTION	COUNTY LOCATION(S)	STREAM CLASS(ES)
PEE DEE - INTEGRATOR SITES - ACTIVE			
MD-077	SAMPIT RVR AT US 17	GEORGETOWN	SB
MD-085	INTRACOASTAL WTRWAY AT PT 3 MI N OF BRDG ON US 501	HORRY	FW
MD-107	KINGSTON LK NR PUMP STA ON LAKESIDE DR CONWAY	HORRY	FW
MD-124	WACCAMAW RVR AT SC 9 7.0 MI W OF CHERRY GROVE	HORRY	FW-SP
MD-125	INTRACOASTAL WTRWY (LITTLE RVR) ON SC 9 (US 17)	HORRY	FW, SA
MD-142	WACAMMAW RVR DS OF BUTLER ISLAND AT MARKER 86	GEORGETOWN	SA-SP
MD-263	SANTEE BAY AT BEACH CREEK (06A-03)	GEORGETOWN	ORW
MD-275	PEE DEE RVR AT WHITE HOUSE PLANTATION	GEORGETOWN	SB-SP
MD-276	HOUSE CK AT 53RD AVE OUT FROM BOAT LANDING (01-19)	HORRY	SFH
MD-277	PARSONNAGE CREEK AT INLET PORT BASIN (04-17)	GEORGETOWN	SFH
MD-278	WINYAH BAY MAIN CHANNEL, BUOY 19A RANGE E (05-20)	GEORGETOWN	SB
PD-028	PEE DEE RVR AT SC 34 11 MI NE DARLINGTON	DARLINGTON, MARLBORO	FW
PD-038	LUMBER RVR AT US 76 AT NICHOLS	HORRY, MARION	FW
PD-043	POCOTALIGO RVR AT S-14-50 9.5 MI NE MANNING	CLARENDON	FW-SP
PD-044	BLACK RVR AT US 52 AT KINGSTREE	WILLIAMSBURG	FW-SP
PD-052	LITTLE PEE DEE AT S-34-60	MARION	FW
PD-060	PEE DEE RVR AT PETERS FIELD LANDING OFF S-22-36	GEORGETOWN, MARION	FW
PD-076	GREAT PEE DEE RVR AT US 378	FLORENCE, MARION	FW
PD-078	BLACK CREEK AT SC 327	FLORENCE	FW
PD-086A	LAKE SWAMP (LYNCHES LK) ON SC 341	FLORENCE	FW-SP
PD-087	LAKE SWAMP (LYNCHES LK) AT SC 341 2.6 MI W OF JOHNSONVILLE	FLORENCE	FW-SP
PD-091	POCOTALIGO RVR AT US 15 3.5 MI S SUMTER	SUMTER	FW-SP
PD-093	LYNCHES RIVER AT S-21-55	FLORENCE	FW
PD-097	CATFISH CANAL AT S-34-34 6 MI SW OF MARION	MARION	FW-SP
PD-116	BLACK RVR AT S-14-40 E OF MANNING	CLARENDON	FW-SP
PD-169	BIG SWP AT US 378 & SC 51 0.9 MI W OF SALEM	FLORENCE	FW-SP
PD-170	BLACK RVR AT SC 51 11.6 MI NE OF ANDREWS	GEORGETOWN	FW-SP
PD-176	LAKE SWAMP AT S-26-99	HORRY	FW-SP
PD-201	ROCKY BLUFF SWAMP AT S-43-41	SUMTER	FW-SP
PD-203	PUDDING SWP AT SC 527 8.1 MI NW OF KINGSTREE	WILLIAMSBURG	FW-SP
PD-227	BLACK RVR AT S-45-35 8.6 MI NW OF KINGSTREE	WILLIAMSBURG	FW-SP
PD-231	JEFFRIES CK AT UN# RD 3.3 MI ESE OF CLAUSSEN	FLORENCE	FW-SP
PD-281	LYNCHES RVR AT S-21-49 5 MI NW JOHNSONVILLE	FLORENCE	FW
PD-314	SINGLETON SWAMP AT S-21-67	FLORENCE, WILLIAMSBURG	FW
PD-325	BLACK RVR AT S-22-489 4 MI NE GEORGETOWN	GEORGETOWN	SA
PD-332	SPARROW SWAMP AT S-21-55 NR JOHNSONS CROSSROADS	FLORENCE	FW-SP
PD-337	GREAT PEE DEE RVR AT U.S. 301/76	FLORENCE	FW
PD-345	LAKE SWAMP AT S-21-38	FLORENCE	FW-SP
PD-346	CAMP BRANCH AT S-21-278	FLORENCE	FW
PD-348	LITTLE PEE DEE RIVER AT S-17-72	DILLON	FW

AMBIENT MONITORING SITES FOR PEE DEE

STATION	DESCRIPTION	COUNTY LOCATION(S)	STREAM CLASS(ES)
PEE DEE - INTEGRATOR SITES - ACTIVE (CONT.)			
PD-349	BUCK SWAMP AT S-17-42	DILLON, MARION	FW-SP
PD-350	LITTLE PEE DEE RIVER OFF S-26-135 AT PUNCHBOWL LANDING	HORRY, MARION	ORW
PD-352	CHINNERS SWAMP AT GUNTERS ISLAND RD OFF S-26-99	HORRY	FW-SP
PD-353	BLACK RIVER AT S-43-57	SUMTER	FW-SP
PD-354	UNNAMED CANAL TO ATKINS CANAL AT SC 527 (3/4 MI N OF US 76)	LEE	FW
PD-355	SCAPE ORE SWAMP AT S-31-108	LEE	FW
PD-356	MECHANICSVILLE SWAMP AT S-31-500	LEE	FW
PD-357	ROCKY BLUFF SWAMP AT US 76	SUMTER	FW-SP
PD-358	KINGSTREE SWAMP CANAL AT SC 527	WILLIAMSBURG	FW
PD-359	BLACK RIVER AT S-45-30	WILLIAMSBURG	FW-SP
PD-360	BLACK MINGO CREEK AT S-45-121	WILLIAMSBURG	FW
PD-361	BLACK MINGO CREEK AT COWHEAD LANDING OFF SC 51	GEORGETOWN	FW
PD-362	BUCK CREEK AT SC 905	HORRY	FW
PD-363	SIMPSON CREEK AT SC 905	HORRY	FW
PD-365	LITTLE PEE DEE RIVER AT S-17-363	DILLON	FW
PD-367	THREE CREEKS AT SC 38, S OF BLENHEIM	MARLBORO	FW
PD-368	BEAR SWAMP AT S-17-56	DILLON	FW-SP
PD-369	WACCAMAW RVR AT S-26-105 REEVES FERRY ROAD	HORRY	FW-SP
PEE DEE - 2007 RANDOM OPEN WATER SITES - ACTIVE			
RO-07332	WINYAH BAY MAIN CHANNEL, APPROX 0.75 MI WNW OF BUOY 19A RANGE E (05-20)	GEORGETOWN	SB
RO-07333	LITTLE RIVER AT MOUTH OF HORSE FORD CREEK	HORRY	SFH
PEE DEE - 2007 RANDOM STREAM SITES - ACTIVE			
RS-07047	BUCK SWAMP AT SC 41A 5.75 MI NNW OF MULLINS THERE ARE TWO BRIDGES HERE SAMPLE AT THE SW BRIDGE (THE GULLEY)	DILLON, MARION	FW-SP
RS-07051	CHINNERS SWAMP AT S-26-569 6 MI ESE OF AYNOR	HORRY	FW-SP
RS-07192	BIG BRANCH AT INTERSECTION OF US 521 AND MAIN STREET IN ALCOLU	CLARENDON	FW
RS-07201	ROGERS CREEK AT S-35-18 6 MI S OF BLENHEIM	MARLBORO	FW
RS-07205	POLK SWAMP AT S-21-918 (OLD WALLACE RD) 5.75 MI ESE OF FLORENCE	FLORENCE	FW
RS-07221	INDIAN HUT SWAMP AT S-22-20 5 MI ESE OF ANDREWS	GEORGETOWN	FW
PEE DEE - 2007 RANDOM TIDE CREEK SITES - ACTIVE			
RT-07049	MAIN CREEK 200 M SSE OF MOUTH OF FLAGG CREEK (04-25)	GEORGETOWN	SFH
RT-07065	MINIM CREEK 0.25 MI WEST OF MOUTH OF PLEASANT MEADOW CREEK	GEORGETOWN	SA

AMBIENT MONITORING SITES FOR PEE DEE

STATION	DESCRIPTION	COUNTY LOCATION(S)	STREAM CLASS(ES)
PEE DEE - SPECIAL PURPOSE SITES - ACTIVE			
CL-077	LAKE ASHWOOD, FOREBAY MOVED TO CATWALK NEAR DAM	LEE	FW
MD-127	INTRACOASTAL WTRWAY AT SC 544 7.5 MI SW OF MYRTLE BEACH	HORRY	FW
MD-138	WACCAMAW RVR AT CHANNEL MARKER 57	GEORGETOWN	FW-SP
MD-145	WACCAMAW RVR AT PRIVATE LANDING AT END OF S-26-344 APPROX 2 MI DS OF BUCKSVILLE PUBLIC LANDING	HORRY	FW-SP
PD-024A	BLACK CK AT US 401 & 52 6 MI NW DARLINGTON	DARLINGTON	FW-SP, FW
PD-027	BLACK CK AT S-16-35 5.5 MI SE DARLINGTON	DARLINGTON	FW
PD-055	LITTLE PEE DEE RVR AT SC 9	DILLON	FW
PD-364	LYNCHES RIVER AT US 401	DARLINGTON, LEE	FW
PEE DEE - PEE DEE BASIN SITES - INACTIVE			
MD-073	SAMPIT RVR OPP AMER CYANAMID CHEM CO	GEORGETOWN	SB
MD-074	SAMPIT RVR AT CHANNEL MARKER #30	GEORGETOWN	SB
MD-075	SAMPIT RVR BTWN MOUTHS OF PORTS CK & PENNY ROYAL CK	GEORGETOWN	SB
MD-076N	TURKEY CK S-22-42 SW OF GEORGETOWN	GEORGETOWN	FW
MD-080	WINYAH BAY AT JCT OF PEE DEE & WACCAMAW AT MARKER 92	GEORGETOWN	SB
MD-087	INTRACOASTAL WTRWAY JUST N OF BRDG ON US 501	HORRY	FW
MD-088	INTRACOASTAL WTRWAY 1 MI S OF BRDG ON US 501	HORRY	FW
MD-089	INTRACOASTAL WTRWY 2 MI S OF BRDG ON US 501	HORRY	FW
MD-091	INTRACOASTAL WTRWY 4 MI N OF BRDG ON US 501	HORRY	FW
MD-110	WACCAMAW RVR AT US 501 BY PASS AROUND CONWAY	HORRY	FW-SP
MD-111	WACCAMAW RVR AT COX'S FERRY ON S-26-110	HORRY	FW-SP
MD-136	WACCAMAW RVR 1/4 MI UPSTRM OF JCT WITH INTRACOASTAL WTRWY	HORRY	FW-SP
MD-137	WACCAMAW RVR NR MOUTH OF BULL CK AT CHANNEL MARKER 50	HORRY	FW-SP
MD-146	WACCAMAW RVR & ICWW 1 MI BL JCT-AT BUCKSPORT LANDING	HORRY	FW-SP
MD-149	WHITES CK 100 YDS UPSTRM OF JCT WITH SAMPIT RVR	GEORGETOWN	SB
MD-158	CRAB TREE SWAMP AT LONG ST BL OUTFALL OF CONWAY #1 POND	HORRY	FW
MD-162	LITTLE RVR AT S END OF ISL DUE E OF TOWN (IN RVR)	HORRY	SA
PD-014	CROOKED CR AT S-35-43	MARLBORO	FW
PD-015	GREAT PEE DEE RVR AT US 15 & 401	DARLINGTON, MARLBORO	FW
PD-016	PANTHER CK AT S-35-27	MARLBORO	FW
PD-017A	MCLAURIN'S MILL POND SC 381	MARLBORO	FW
PD-021	BLACK CK AT S-16-18 1 MI NNE HARTSVILLE	DARLINGTON	FW-SP
PD-023	BLACK CK AT S-16-13 5.5 MI NE HARTSVILLE	DARLINGTON	FW-SP
PD-025	BLACK CK AT S-16-133 2.25 MI NE OF DARLINGTON	DARLINGTON	FW
PD-029E	LITTLE PEE DEE RVR AT S-17-23	DILLON	FW
PD-030	MAPLE SWP AT SC 57	DILLON	FW-SP
PD-030A	LITTLE PEE DEE RVR BELOW JCT WITH MAPLE SWP	DILLON	FW
PD-031	BUCK SWP AT S-17-33	DILLON	FW-SP

STATION	DESCRIPTION	COUNTY LOCATION(S)	STREAM CLASS(ES)
PEE DEE - PEE DEE BASIN SITES - INACTIVE (CONT.)			
PD-035	JEFFERIES CK AT SC 327 AT CLAUSSEN	FLORENCE	FW-SP
PD-037	WHITE OAK CK AT S-34-31	MARION	FW-SP
PD-039	GREEN SWP AT S-43-33	SUMTER	FW-SP
PD-040	TURKEY CREEK AT US 521	SUMTER	FW-SP
PD-041	LYNCHES RVR AT US 52 NEAR EFFINGHAM	FLORENCE	FW
PD-042	LITTLE PEE DEE RVR AT US 501, GALIVANT'S FERRY	HORRY, MARION	ORW
PD-045	BLACK RVR AT SC 377 AT BRYAN'S CROSS ROADS	WILLIAMSBURG	FW-SP
PD-061	PEE DEE RVR AT US 701 2.75 MI NE YAUHANNAH	GEORGETOWN, HORRY	FW
PD-062	GUM SWAMP AT S-35-27	MARLBORO	FW
PD-065	GULLEY BR AT S-21-13, TIMROD PARK	FLORENCE	FW
PD-069	LITTLE PEE DEE RVR AT SC 57 11.5 MI NW DILLON	DILLON	FW
PD-071	LYNCHES RVR AT U.S. 15/SC 34	LEE	FW
PD-072	SPARROW SWP AT S-16-697 2.5 MI E OF LAMAR	DARLINGTON	FW-SP
PD-081	PRESTWOOD LK AT US 15	DARLINGTON	FW-SP
PD-085	LAKE SWAMP (LYNCHES LK) AT US 378	FLORENCE	FW-SP
PD-098	TURKEY CK AT LIBERTY ST IN SUMTER ABOVE SANTEE PRINT WORKS	SUMTER	FW-SP
PD-103	HIGH HILL CK AT US 52 ON CO LINE	DARLINGTON, FLORENCE	FW
PD-107	CROOKED CK AT SC 9 IN BENNETTSVILLE	MARLBORO	FW
PD-112	COUSAR BR 1/4 MI BELOW BISHOPVILLE FINISHING CO	LEE	FW
PD-115	POCOTALIGO RVR AT 3RD BRDG N OF MANNING ON US 301	CLARENDON	FW-SP
PD-137	SNAKE BR AT WOODMILL ST-HARTSVILLE	DARLINGTON	FW
PD-141	60" TILE DISCHARGING TO DITCH ACROSS RD AT DARLINGTON STP	DARLINGTON	FW
PD-159	BLACK CK AT S-16-23 4.7 MI NW OF HARTSVILLE	DARLINGTON	FW-SP
PD-167	WILLOW CREEK AT S-21-57	FLORENCE	FW
PD-168	BIG SWP AT S-21-360 1.1 MI W OF PAMPLICO	FLORENCE	FW-SP
PD-177	CHINNERS SWAMP AT S-26-24 1.9 MI SSE AYNOR	HORRY	FW-SP
PD-187	SMITH SWP AT US 501 1.9 MI SSE OF MARION	MARION	FW-SP
PD-189	LITTLE PEE DEE RVR AT US 378 12 MI W CONWAY	HORRY, MARION	ORW
PD-202	POCOTALIGO RVR AT S-43-32 9 MI SSE OF SUMTER	SUMTER	FW-SP
PD-229	NEWMAN SWP AT S-16-449 0.9 MI NE OF LAMAR	DARLINGTON	FW-SP
PD-230	MIDDLE SWP AT SC 51 3.5 MI SSE OF FLORENCE	FLORENCE	FW-SP
PD-239	NASTY BR AT S-43-251 7.5 MI SW OF SUMTER	SUMTER	FW
PD-255	JEFFRIES CK AT SC 340 6.8 MI SSW OF DARLINGTON	DARLINGTON	FW-SP
PD-256	JEFFRIES CK AT S-21-112 4.8 MI W OF FLORENCE	FLORENCE	FW-SP
PD-258	SNAKE BR AT RR AVE IN HARTSVILLE	DARLINGTON	FW
PD-268	PRESTWOOD LK OFF SONOVISTA CLUB DOCK, HARTSVILLE	DARLINGTON	FW-SP
PD-306	PANTHER CK AT US 15 OUTSIDE MCCOLL	MARLBORO	FW
PD-319	LYNCHES RIVER AT SC 403	FLORENCE, SUMTER	FW
PD-320	SMITH SWP AT S-34-19 1 MI E OF MARION	MARION	FW-SP
PD-330	BLACK CK AT HWY 15 BYPASS	DARLINGTON	FW-SP

AMBIENT MONITORING SITES FOR PEE DEE

STATION	DESCRIPTION	COUNTY LOCATION(S)	STREAM CLASS(ES)
PEE DEE - PEE DEE BASIN SITES - INACTIVE (CONT.)			
PD-336	HAGINS PRONG AT SC ROUTE 381	MARLBORO	FW
PD-341	THREE CREEKS AT SC 381 AT BLENHEIM	MARLBORO	FW
PD-347	ASHPOLE SWAMP AT PRIVATE ROAD (SEE LAKE VIEW QUAD)	DILLON	FW-SP
PD-351	CEDAR CREEK AT S-26-23	HORRY	ORW

AMBIENT MONITORING SITES FOR CENTRAL MIDLANDS

STATION	DESCRIPTION	COUNTY LOCATION(S)	STREAM CLASS(ES)
CENTRAL MIDLANDS - CATAWBA-SANTEE BASIN SITES - ACTIVE			
C-058	LK INSPIRATION - ST MATTHEWS (FRONT OF HEALTH DEPT)	CALHOUN	FW
C-063	HALFWAY SWP CK AT S-09-43 3 MI E OF ST MATTHEWS	CALHOUN	FW
CW-019	WATEREE RVR AT US 1	KERSHAW	FW
CW-154	KELLY CK AT S-28-367 2.9 MI SE OF ELGIN	KERSHAW	FW
CW-155	SPEARS CK AT SC 12 3.6 MI SE OF ELGIN	KERSHAW	FW
CW-207	LK WATEREE AT END OF S-20-291	FAIRFIELD, KERSHAW	FW
CW-208	LK WATEREE AT S-20-101 11 MI ENE WINNSBORO	FAIRFIELD	FW
CW-209	LK WATEREE AT SMALL 1SLAND 2.3 MI N OF DAM	KERSHAW	FW
CW-223	LITTLE PINE TREE CREEK AT S-28-132	KERSHAW	FW
CW-228	SAWNEYS CK AT S-20-151	FAIRFIELD	FW
CW-229	BEAR CK AT S-40-82	RICHLAND	FW
CW-240	COLONELS CK AT US 601	RICHLAND	FW
CW-241	HALFWAY SWP CK AT S-09-72	CALHOUN	FW
CENTRAL MIDLANDS - INTEGRATOR SITES - ACTIVE			
B-053	ENOREE RVR AT SC 72, 121, & US 176, 1 MI NE WHITMIRE	NEWBERRY, UNION	FW
B-054	ENOREE RVR AT S-36-45 3.5 MI AB JCT WITH BROAD RVR	NEWBERRY	FW
B-072	DUNCAN CK AT US 176 1.5 MI SE OF WHITMIRE	NEWBERRY	FW
B-102	JACKSON CK AT S-20-54, 5 MI W OF WINNSBORO	FAIRFIELD	FW
B-320	BIG CEDAR CK AT SC 215	RICHLAND	FW
B-327	MONTICELLO LK-LOWER IMPOUNDMENT BETWEEN LARGE ISLANDS	FAIRFIELD	FW
B-337	BROAD RVR AT US 176 (BROAD RIVER RD) IN COLUMBIA	RICHLAND	FW
B-338	MILL CK AT S-20-48, 10 MI SW OF WINNSBORO	FAIRFIELD	FW
B-345	PARR RESERVOIR IN FOREBAY NEAR DAM	NEWBERRY, FAIRFIELD	FW
B-349	TYGER RVR AT S-44-35 3.5 MI S OF CARLISLE	UNION, NEWBERRY	FW
B-350	LITTLE RVR AT SC 215, 1.5 MI NE OF CONFLUENCE WITH BROAD RVR	RICHLAND, FAIRFIELD	FW
C-007	CONGAREE RVR AT US 601	CALHOUN, RICHLAND	FW
C-009	SANDY RUN AT US 176	CALHOUN	FW
C-017	GILLS CK AT SC 48 (BLUFF ROAD)	RICHLAND	FW
C-070	CONGAREE CK AT S-32-66	LEXINGTON	FW
C-072	TOMS CK AT SC 48	RICHLAND	FW
C-074	CONGAREE RVR, WEST BOUNDARY OF CONGAREE SWAMP MONUMENT	RICHLAND, CALHOUN	FW
C-075	CEDAR CK SOUTH OF S-40-734 AT OLD USGS GAGING PLATFORM	RICHLAND	FW
CL-083	LK MURRAY IN FOREBAY EQUIDISTANT FROM DAM AND SHORELINES	LEXINGTON	FW
CL-089	LK WATEREE IN FOREBAY EQUIDISTANT FROM DAM AND SHORELINES	KERSHAW	FW
CW-021	BIG PINE TREE CK AT US 521, NW BRIDGE	KERSHAW	FW
CW-079	SAWNEYS CK AT S-28-37	KERSHAW	FW
CW-080	TWENTYFIVE MILE CK AT S-28-05 3.7 MI W OF CAMDEN	KERSHAW	FW
CW-082	SWIFT CK AT S-28-12	KERSHAW	FW

AMBIENT MONITORING SITES FOR CENTRAL MIDLANDS

STATION	DESCRIPTION	COUNTY LOCATION(S)	STREAM CLASS(ES)
CENTRAL MIDLANDS - INTEGRATOR SITES - ACTIVE (CONT.)			
CW-166	SPEARS CK AT US 601	KERSHAW	FW
CW-222	WATEREE RIVER 1.6 MI US CONFLUENCE WITH CONGAREE	RICHLAND, SUMTER	FW
CW-237	GRANNIES QUARTER CK AT SC 97	KERSHAW	FW
CW-243	BIG BRANCH AT S-14-41	CLARENDON	FW
CW-244	JACKS CK AT S-14-76	CLARENDON	FW
CW-250	COLONELS CK AT SC 262	RICHLAND	FW
S-047	SALUDA RVR AT SC 121	NEWBERRY, SALUDA	FW
S-298	SALUDA RVR AT USGS GAGING STATION, 1/2 MI BELOW I-20	LEXINGTON, RICHLAND	TPGT-SP
S-305	LITTLE RVR AT SC 34	NEWBERRY	FW
S-306	HOLLOW CK AT S-32-54	LEXINGTON	FW
S-310	LAKE MURRAY, SALUDA RVR ARM, US BUSH RVR, 3.8 KM US SC 391	NEWBERRY, SALUDA	FW
ST-018	TAWCAW CK AT S-14-127 3.2 MI S OF SUMMERTON	CLARENDON	FW
ST-035	POTATO CK AT S-14-127 3.2 MI S OF SUMMERTON (SC-020)	CLARENDON	FW
CENTRAL MIDLANDS - 2007 RANDOM LAKE SITES - ACTIVE			
RL-07007	LAKE MURRAY IN SMALL COVE BETWEEN S-32-1405 & S-32-1406	LEXINGTON	FW
RL-07023	LAKE MURRAY 1.5 MI NNE OF END OF S-32-690	LEXINGTON	FW
CENTRAL MIDLANDS - 2007 RANDOM STREAM SITES - ACTIVE			
RS-07216	CONGAREE CK AT S-32-168 OFF SC 302 IN S CONGAREE	LEXINGTON	FW
CENTRAL MIDLANDS - SEDIMENT ONLY SITES - ACTIVE			
C-069	CEDAR CREEK AT S-40-66	RICHLAND	FW
CSB-001L	CONGAREE RVR AT BLOSSOM ST (SALUDA RIVER)	LEXINGTON, RICHLAND	FW
CSB-001R	CONGAREE RVR AT BLOSSOM ST (BROAD RIVER)	LEXINGTON, RICHLAND	FW
CENTRAL MIDLANDS - SPECIAL PURPOSE SITES - ACTIVE			
CW-206	WATEREE RVR AT US 76 & 378	RICHLAND, SUMTER	FW
CENTRAL MIDLANDS - SUMMER ONLY SITES - ACTIVE			
S-309	LAKE MURRAY, BUSH RVR ARM, 4.6 KM US SC 391	NEWBERRY	FW
CENTRAL MIDLANDS - BROAD BASIN SITES - INACTIVE			
B-047	BROAD RVR AT SC 34 14 MI NE OF NEWBERRY	FAIRFIELD, NEWBERRY	FW

STATION	DESCRIPTION	COUNTY LOCATION(S)	STREAM CLASS(ES)
CENTRAL MIDLANDS - BROAD BASIN SITES - INACTIVE (CONT.)			
B-077	WINNSBORO BR BELOW PLANT OUTFALL	FAIRFIELD	FW
B-080	BROAD RIVER DIVERSION CANAL AT COLA WATER PLANT	RICHLAND	FW
B-110	ELIZABETH LAKE AT SPILLWAY ON US 21	RICHLAND	FW
B-123	WINNSBORO BR AT US 321-AB WINNSBORO MILLS OUTFALL	FAIRFIELD	FW
B-145	LITTLE RVR AT S-20-60 3.1 MI SE OF JENKINSVILLE	FAIRFIELD	FW
B-236	BROAD RVR AT SO. RR TRESTLE, 0.5 MI DS OF SC 213	FAIRFIELD	FW
B-280	SMITH BR AT N MAIN ST (US 21) IN COLUMBIA	RICHLAND	FW
B-316	CRANE CK AT S-40-43 UNDER I-20 - N COLA	RICHLAND	FW
B-328	MONTICELLO LK-UPPER IMPOUNDMENT AT BUOY IN MIDDLE OF LAKE	FAIRFIELD	FW
B-346	PARR RESERVOIR 4.8 KM N OF DAM, UPSTREAM MONTICELLO RES.	NEWBERRY, FAIRFIELD	FW
CENTRAL MIDLANDS - SALUDA-EDISTO BASIN SITES - INACTIVE			
C-001	GILLS CK AT BRDG ON US 76 (GARNERS FERRY ROAD)	RICHLAND	FW
C-005	SIXMILE CK ON US 21 S OF CAYCE	LEXINGTON	FW
C-008	CONGAREE CK AT US 21 AT CAYCE WATER INTAKE	LEXINGTON	FW
C-021	MILL CK AT SC 262	RICHLAND	FW
C-025	SIXMILE CK AT SC 602 PLATT SPRINGS RD	LEXINGTON	FW
C-048	WINDSOR LK SPILLWAY ON WINSDOR LK BLVD	RICHLAND	FW
C-061	SAVANA BR AT S-32-72 1.7 MI NNW OF S CONGAREE	LEXINGTON	FW
C-066	RED BANK CK AT S-32-244	LEXINGTON	FW
C-067	RED BANK CK AT SANDY SPRINGS RD BTWN S-32-104 & SC 602	LEXINGTON	FW
C-068	FOREST LAKE AT DAM	RICHLAND	FW
C-073	REEDER POINT BR AT SC 48	RICHLAND	FW
E-034	BULL SWP CK AT CLVT ON UNIMP RD 1.1 MI NW OF SWANSEA	LEXINGTON	FW
E-035	BULL SWP CK AT US 321 0.9 MI S OF SWANSEA	LEXINGTON	FW
E-101	LIGHTWOOD KNOT CK OFF S-32-77 AT BATESBURG WATER INTAKE	LEXINGTON	FW
S-042	BUSH RIVER AT SC 560 S OF JOANNA	NEWBERRY, LAURENS	FW
S-044	SCOTT CK AT SC 34 SW OF NEWBERRY	NEWBERRY	FW
S-046	BUSH RIVER AT S.C. ROUTE 34	NEWBERRY	FW
S-102	BUSH RVR AT S-36-41 8.5 MI S OF NEWBERRY	NEWBERRY	FW
S-149	SALUDA RVR AT MEPCO ELECT. PLANT WATER INTAKE SSE IRMO	LEXINGTON	TPGT-SP
S-150	LORICK BR AT PT UPSTRM OF JCT WITH SALUDA RVR	LEXINGTON	FW
S-152	SALUDA RVR JUST BELOW LK MURRAY DAM	LEXINGTON	TPGT-SP
S-204	LK MURRAY AT DAM AT SPILLWAY (MARKER 1)	LEXINGTON	FW
S-211	HOLLANDS LANDING LK MURRAY OFF S-36-26 AT END OF S-36-3	NEWBERRY	FW
S-212	MACEDONIA LANDING LK MURRAY AT END OF S-36-26 MACEDONIA	NEWBERRY	FW
S-213	LAKE MURRAY AT S-36-15	LEXINGTON, NEWBERRY	FW
S-222	LAKE MURRAY, LITTLE SALUDA ARM AT SC 391	SALUDA	FW
S-223	BLACKS BR, LK MURRAY AT SC 391	NEWBERRY, SALUDA	FW

AMBIENT MONITORING SITES FOR CENTRAL MIDLANDS

STATION	DESCRIPTION	COUNTY LOCATION(S)	STREAM CLASS(ES)
CENTRAL MIDLANDS - SALUDA-EDISTO BASIN SITES - INACTIVE (CONT.)			
S-260	KINLEY CK AT S-32-36 (ST. ANDREWS RD) IN IRMO	LEXINGTON	FW
S-273	LK MURRAY AT MARKER 166	LEXINGTON	FW
S-274	LK MURRAY AT MARKER 143	LEXINGTON, RICHLAND	FW
S-279	LK MURRAY AT MARKER 63	LEXINGTON, NEWBERRY, SALUDA	FW
S-280	LK MURRAY AT MARKER 102	LEXINGTON, NEWBERRY	FW
S-287	RAWLS CREEK AT S-32-107	LEXINGTON	FW
S-290	CAMPING CK S-36-202 BLW GA PACIFIC	NEWBERRY	FW
S-294	TWELVEMILE CREEK AT U.S. ROUTE 378	LEXINGTON	FW

AMBIENT MONITORING SITES FOR CATAWBA

STATION	DESCRIPTION	COUNTY LOCATION(S)	STREAM CLASS(ES)
CATAWBA - CATAWBA-SANTEE BASIN SITES - ACTIVE			
CL-021	LAKE OLIPHANT, FOREBAY EQUIDISTANT FROM DAM AND SHORELINES	CHESTER	FW
CW-002	ROCKY CK AT S-12-335 3.5 MI E OF CHESTER	CHESTER	FW
CW-005	FISHING CK AT S-46-347 DS YORK WWTP	YORK	FW
CW-006	WILDCAT CK AT S-46-650	YORK	FW
CW-008	FISHING CK AT SC 223 NE RICHBURG	CHESTER	FW
CW-009	STEELE CK AT S-46-22 N OF FORT MILL	YORK	FW
CW-011	STEELE CK AT S-46-270	YORK	FW
CW-013	SUGAR CK AT SC 160 E OF FORT MILL	LANCASTER, YORK	FW
CW-016F	FISHING CK RES 2 MI BL CANE CREEK	CHESTER, LANCASTER	FW
CW-024	CROWDERS CREEK AT S-46-1104	YORK	FW
CW-029	FISHING CK AT SC 49 NE YORK	YORK	FW
CW-033	CEDAR CK RESERVOIR 100 M N OF DAM	LANCASTER, FAIRFIELD	FW
CW-040	LITTLE WATEREE CK AT S-20-41 5 MI E OF WINNSBORO	FAIRFIELD	FW
CW-047	GILLS CK AT US 521 NNW OF LANCASTER	LANCASTER	FW
CW-088	GRASSY RUN BR AT SC 72 1.6 MI NE CHESTER	CHESTER	FW
CW-096	WILDCAT CK AT S-46-998 9 MI ENE OF MCCONNELLS	YORK	FW
CW-105	BROWN CK @ S-46-228 (GUINN ST), W OF OLD N MAIN IN CLOVER	YORK	FW
CW-131	BEAR CK AT S-29-292 1.6 MI W OF LANCASTER	LANCASTER	FW
CW-134	CALABASH BR AT S-46-414 2.5 MI SE OF CLOVER	YORK	FW
CW-151	BEAR CK AT S-29-362 3.5 MI SE OF LANCASTER	LANCASTER	FW
CW-153	BEAVERDAM CK AT S-46-152 8 MI E OF CLOVER	YORK	FW
CW-171	ALLISON CK AT US 321 3.1 MI S OF CLOVER	YORK	FW
CW-174	CEDAR CK RESERVOIR AT UNIMP RD AB JCT WITH ROCKY CK	CHESTER	FW
CW-175	CEDAR CK RESERVOIR/ROCKY CK AT S-12-141 SE OF GREAT FALLS	CHESTER	FW
CW-176	SIXMILE CREEK AT S-29-54	LANCASTER	FW
CW-185	CANE CK AT SC 200 5 MI NNE OF LANCASTER	LANCASTER	FW
CW-192	SOUTH FORK CROWDERS CK AT S-46-79 4.5 MI NW OF CLOVER	YORK	FW
CW-198	LAKE WYLIE, OUTSIDE MOUTH OF CROWDERS CK ARM	YORK	FW
CW-200	LK WYLIE AT SC 274 9 MI NE OF YORK	YORK	FW
CW-201	LK WYLIE N LAKEWOODS S/D AT EBENEZER ACCESS	YORK	FW
CW-203	STEELE CK AT S-46-98	YORK	FW
CW-212	TOOLS FORK AT S-46-195 7 MI NW OF ROCK HILL	YORK	FW
CW-221	UNNAMED TRIB TO CATAWBA RVR AT HWY 161 0.4 MI W OF I-77	YORK	FW
CW-224	FISHING CREEK AT S-46-163	YORK	FW
CW-227	NEELYS CREEK AT 2-46-997	YORK	FW
CW-232	RUM CK AT S-29-187	LANCASTER	FW
CW-245	LAKE WYLIE, CROWDERS CK ARM AT 1ST POWERLINE US OF MAIN POOL	YORK	FW

AMBIENT MONITORING SITES FOR CATAWBA

STATION	DESCRIPTION	COUNTY LOCATION(S)	STREAM CLASS(ES)
CATAWBA - INTEGRATOR SITES - ACTIVE			
B-042	BROAD RVR AT SC 18 4 MI NE GAFFNEY	CHEROKEE	FW
B-044	BROAD RVR AT SC 211 12 MI SE OF GAFFNEY	CHEROKEE, YORK	FW
B-046	BROAD RVR AT SC 72/215/121 3 MI E OF CARLISLE	CHESTER, UNION	FW
B-048	PACOLET RVR AT SC 105 6 MI AB JCT WITH BROAD RVR	CHEROKEE, UNION	FW
B-056	CHEROKEE CK AT US 29 3 MI E OF GAFFNEY	CHEROKEE	FW
B-057	BUFFALO CK AT SC 5 1 MI W OF BLACKSBURG	CHEROKEE	FW
B-062	THICKETTY CK AT SC 211 2 MI AB JCT WITH BROAD RVR	CHEROKEE	FW
B-075	SANDY RVR AT SC 215 2.5 MI AB JCT WITH BROAD RVR	CHESTER	FW
B-136	TURKEY CK AT SC 9, 14 MI NW OF CHESTER	CHESTER	FW
B-155	BROWNS CK AT S-44-86, 8 MI E OF UNION	UNION	FW
B-159	BULLOCK CK AT SC 97 4.8 MI S OF HICKORY GROVE	YORK	FW
B-333	KINGS CREEK AT S-11-209, 3 MI W OF SMYRNA	CHEROKEE, YORK	FW
BF-008	FAIRFOREST CK AT S-44-16 SW OF UNION	UNION	FW
CL-094	LK ROBINSON IN FOREBAY EQUIDISTANT FROM DAM AND SHORELINES FROM PRIVATE	DARLINGTON	FW-SP
CW-016	CATAWBA RVR AT SC 9 AT FT LAWN	CHESTER, LANCASTER	FW
CW-017	CANE CK AT S-29-50	LANCASTER	FW
CW-036	SUGAR CREEK AT S-46-36	LANCASTER, YORK	FW
CW-057	FISHING CK RES 75 FT AB DAM NR GREAT FALLS	CHESTER, LANCASTER	FW
CW-072	BIG WATEREE CK AT US 21	FAIRFIELD	FW
CW-083	TWELVEMILE CREEK AT S-29-55 0.3 MI NW OF VAN WYCK	LANCASTER	FW
CW-145	WAXHAW CK AT S-29-29	LANCASTER	FW
CW-197	LAKE WYLIE AB MILL CK ARM AT END OF S-46-557	YORK	FW
CW-225	FISHING CREEK AT S-46-503	YORK	FW
CW-230	LAKE WYLIE AT DAM, UNDER POWERLINES	YORK	FW
CW-231	LK WATEREE HEADWATERS APPROX 50 YDS DS CONFL CEDAR CK	LANCASTER, FAIRFIELD	FW
CW-233	FISHING CREEK AT S-12-77	CHESTER	FW
CW-234	TINKERS CK AT S-12-599	CHESTER	FW
CW-235	CAMP CK AT SC 97	LANCASTER	FW
CW-236	ROCKY CK AT S-12-138	CHESTER	FW
CW-249	ALLISON CK AT S-46-114	YORK	FW
PD-009	LYNCHES RVR AT US 1	CHESTERFIELD, KERSHAW	FW
PD-012	PEE DEE RVR AT US 1 NE CHERAW	MARLBORO, CHESTERFIELD	FW
PD-063	CROOKED CREEK AT SC 912	MARLBORO	FW
PD-066	LYNCHES RVR AT S-13-42	CHESTERFIELD, KERSHAW	FW
PD-068	FORK CK AT S-13-770, 1.5 MI SW JEFFERSON	CHESTERFIELD	FW
PD-113	LYNCHES RVR AT SC 9 W OF PAGELAND	CHESTERFIELD, LANCASTER	FW
PD-151	CEDAR CREEK AT US 52	CHESTERFIELD, DARLINGTON	FW
PD-191	WHITES CREEK AT US 1	MARLBORO	FW
PD-251	BLACK CK AT US 1	CHESTERFIELD	FW-SP
PD-327	LK ROBINSON AT S-13-346 5 MI E MCBEE	CHESTERFIELD	FW-SP

STATION	DESCRIPTION	COUNTY LOCATION(S)	STREAM CLASS(ES)
CATAWBA - INTEGRATOR SITES - ACTIVE (CONT.)			
PD-338	THOMPSON CK AT S-13-148 S OF CHERAW	CHESTERFIELD	FW
PD-339	WESTFIELD CREEK AT US 52	CHESTERFIELD	FW
PD-340	JUNIPER CREEK AT S-13-494	CHESTERFIELD	FW
PD-342	FLAT CREEK AT S-29-123	LANCASTER	FW
PD-343	LITTLE LYNCHES RIVER AT S-28-42	KERSHAW	FW
PD-344	LITTLE LYNCHES RIVER AT SC 341, 3.5 MI SE OF BETHUNE	KERSHAW	FW
PD-366	HILLS CREEK AT S-13-545	CHESTERFIELD	FW
CATAWBA - 2007 RANDOM LAKE SITES - ACTIVE			
RL-07003	CEDAR CK RESERVOIR NEAR E SHORE OF PICKETT ISLAND 0.5 MI NNW OF S-29-405	CHESTER	FW
RL-07008	EUREKA LAKE IN CHERAW STATE PARK APPROX MID-LAKE	CHESTERFIELD	FW
RL-07019	GREAT FALLS RES 1.2 MI SE OF GREAT FALLS W OF BIG ISLAND	CHESTER	FW
CATAWBA - 2007 RANDOM STREAM SITES - ACTIVE			
RS-07038	SUCK CK AT S-11-60 5 MI ENE OF CHESNEE (TOPO SHOWS 3 BRIDGES CLOSE-BY SHOULD BE EASTERN MOST BRIDGE)	CHEROKEE	FW
RS-07043	GILLS CK AT S-29-36 4.5 MI ENE OF LANCASTER	LANCASTER	FW
RS-07059	TRANHAM CREEK AT S-29-763 6.5 MI WSW OF KERSHAW (THE BRIDGE HAS A SIGN LABLING THE CK AS BEAVER CK)	LANCASTER	FW
RS-07208	LANGHAM BRANCH AT BENFIELD RD BETWEEN SC 324 AND S-46-1172 4.2 MI SE OF YORK	YORK	FW
RS-07217	LITTLE BROWNS CK AT S-44-57 6 MI NE OF UNION	UNION	FW
CATAWBA - SPECIAL PURPOSE SITES - ACTIVE			
B-351	BROAD RVR AT SANDY AND BROAD RVR BOAT RAMP	CHESTER, UNION	FW
BF-007	FAIRFOREST CK ON S-44-12 SW OF JONESVILLE	UNION	FW
CW-014	CATAWBA RVR AT US 21	YORK	FW
CW-023	CROWDERS CK AT S-46-564 NE CLOVER	YORK	FW
CW-027	LK WYLIE, CROWDERS CK ARM AT SC 49 AND SC 274	YORK	FW
CW-064	MCALPINE CK AT S-29-64	LANCASTER	FW
CW-152	CROWDERS CK AT US 321 0.5 MI N OF NC ST LINE	NC	FW
CATAWBA - BROAD BASIN SITES - INACTIVE			
B-051	TYGER RVR AT SC 72 5.5 MI SW OF CARLISLE	UNION	FW
B-059	IRENE (BEAVERDAM) CK AT S-11-307 2.5 MI W OF GAFFNEY	CHEROKEE	FW
B-064	MENG CK AT SC 49 2.5 MI E OF UNION	UNION	FW
B-067A	TOSCH'S CK AT S-44-75 2 MI SW OF UNION	UNION	FW

STATION	DESCRIPTION	COUNTY LOCATION(S)	STREAM CLASS(ES)
CATAWBA - BROAD BASIN SITES - INACTIVE (CONT.)			
B-067B	TOSCH'S CK AT ANIMAL SHELTER RD TO SEWAGE TP OFF SC 49	UNION	FW
B-074	DRY FORK CK AT S-12-304 2 MI SW OF CHESTER	CHESTER	FW
B-086	ROSS BR TO TURKEY CK AT SC 49 SW OF YORK	YORK	FW
B-088	CANOE CK AT S-11-245 1/2 MI W OF BLACKSBURG	CHEROKEE	FW
B-095	THICKETTY CREEK AT S-11-164	CHEROKEE	FW
B-100	FURNACE CK AT S-11-50 6 MI E OF GAFFNEY	CHEROKEE	FW
B-119	BUFFALO CREEK AT S-11-213, 2.2 MI NNW OF BLACKSBURG	CHEROKEE	FW
B-128	LIMESTONE CK AT S-11-301	CHEROKEE	FW
B-133	THICKETTY CK AT SC 18 8.3 MI S OF GAFFNEY	CHEROKEE	FW
B-199	MITCHELL CK AT CO RD 233 2.3 MI SSW OF JONESVILLE	UNION	FW
B-211	PEOPLES CK AT UNIMPROVED RD 2.3 MI E OF GAFFNEY	CHEROKEE	FW
B-243	TRIB TO MENG CK AT CLVT ON S-44-384 3 MI E OF UNION	UNION	FW
B-286	TINKER CK AT RD TO STP 1.3 MI SSE OF UNION	UNION	FW
B-287	TINKER CK AT UN# CO RD 1.7 MI SSE OF UNION	UNION	FW
B-323	DOOLITTLE CK AT S-11-100 1.25 MI SE OF BLACKSBURG	CHEROKEE	FW
B-325	CK INTO CRAWFORD LK ON UN# RD NEAR SC 161 & 705-KINGS MT	YORK	FW
B-326	LONG BR CK ON SC 216 BL KINGS MTN PK REC AREA	YORK	FW
B-330	GUYON MOORE CREEK AT S-46-233	YORK	FW
B-334	GILKEY CK AT S-11-231, 9 MI SE OF GAFFNEY	CHEROKEE	FW
B-335	GREGORYS CK AT S-44-86, 8 MI E OF UNION	UNION	FW
B-336	TINKER CK AT S-44-278, 9 MI SSE OF UNION	UNION	FW
B-342	LAKE THICKETTY IN FOREBAY NEAR DAM	CHEROKEE	FW
B-343	LAKE CHEROKEE IN FOREBAY NEAR DAM	CHEROKEE	FW
B-344	LAKE JOHN D. LONG IN FOREBAY NEAR DAM	UNION	FW
B-737	LAKE YORK IN KINGS MOUNTAIN STATE PARK, FOREBAY NEAR DAM	YORK	FW
CL-023	CHESTER STATE PARK LAKE 100 M EAST OF SPILLWAY	CHESTER	FW
CATAWBA - PEE DEE BASIN SITES - INACTIVE			
CL-086	LAKE WALLACE, FOREBAY EQUIDISTANT FROM DAM AND SHORELINES	MARLBORO	FW
CL-088	EUREKA LAKE, FOREBAY EQUIDISTANT FROM DAM AND SHORELINES	CHESTERFIELD	FW
PD-004	BLACK CK AT S-13-43 1 MI NE NICEY GROVE	CHESTERFIELD	FW
PD-005	TODD'S BR AT S-29-564 1.5 MI NE OF KERSHAW	LANCASTER	FW
PD-006	LITTLE LYNCHES RVR AT US 601 2 MI NE KERSHAW	LANCASTER	FW
PD-067	FORK CK AT SC 151	CHESTERFIELD	FW
PD-080	LYNCHES RVR AT S-28-15 4.5 MI SE BETHUNE	KERSHAW, DARLINGTON	FW
PD-109	LITTLE LYNCHES RIVER AT SC 341, 4 MI SE KERSHAW	KERSHAW, LANCASTER	FW
PD-179	N BR WILDCAT CK AT S-29-39 1 MI S OF TRADESVILLE	LANCASTER	FW
PD-180	S BR WILDCAT CK AT S-29-39 2 MI S OF TRADESVILLE	LANCASTER	FW
PD-246	THOMPSON CK AT S-13-243 0.8 MI NE OF CHESTERFIELD	CHESTERFIELD	FW

AMBIENT MONITORING SITES FOR CATAWBA

STATION	DESCRIPTION	COUNTY LOCATION(S)	STREAM CLASS(ES)
CATAWBA - PEE DEE BASIN SITES - INACTIVE (CONT.)			
PD-247	THOMPSON CK AT SC 9 1.5 MI ESE OF CHESTERFIELD	CHESTERFIELD	FW
PD-328	HANGING ROCK CK AT S-29-764 1.6 MI S OF KERSHAW	LANCASTER	FW
PD-329	LICK CK AT S-29-13 ABOVE KERSHAW PT	LANCASTER	FW
PD-333	HILLS CREEK AT S-13-105	CHESTERFIELD	FW
PD-334	HAILE GOLD MINE CREEK AT S-29-188	LANCASTER	FW
PD-335	HORTON CREEK AT S-29-95	LANCASTER	FW

AMBIENT MONITORING SITES FOR LOW COUNTRY

STATION	DESCRIPTION	COUNTY LOCATION(S)	STREAM CLASS(ES)
LOW COUNTRY - INTEGRATOR SITES - ACTIVE			
CSTL-068	ASHEPOO RVR AT SC 303 10 MI SSW OF WALTERBORO	COLLETON	FW, SFH
CSTL-071	HORSESHOE CREEK AT SC 64	COLLETON	FW
CSTL-075	LAKE WARREN, BLACK CK ARM, AT S-25-41 5 MI SW OF HAMPTON	HAMPTON	FW
CSTL-109	COOSAWHATCHIE RVR AT S-25-27 2.5 MI SW CUMMINGS	HAMPTON	FW
CSTL-121	COOSAWHATCHIE RIVER AT SC 363	HAMPTON	FW
CSTL-122	CYPRESS CREEK AT S-27-108	JASPER	FW
MD-001	BEAUFORT RVR AB BEAUFORT AT CHANNEL MARKER 231	BEAUFORT	SA
MD-004	BEAUFORT RVR AT JCT WITH BATTERY CK NR MARKER 42	BEAUFORT	SFH
MD-116	BROAD RVR AT SC 170 7.5 MI SW OF BEAUFORT	BEAUFORT	SFH
MD-129	GREAT SWAMP AT U.S. 17	JASPER	FW
MD-173	MAY RVR 1.8 MI SE OF BLUFFTON OUT FROM END OF S-07-461	BEAUFORT	ORW
MD-176	COLLETON RVR AT COLLETON NECK-AT JCT WITH CHECHESSEE RV	BEAUFORT	ORW
MD-252	COMBAHEE RVR OFF FIELDS POINT LANDING OFF END OF S-15-161	COLLETON, BEAUFORT	SFH
MD-253	ASHEPOO RIVER AT PUBLIC OYSTER GROUND (14-19)	COLLETON	SFH
MD-254	HUSPAH CREEK AT RAILROAD TRESTLE (14-14)	BEAUFORT	SFH
MD-255	JENKINS CREEK AT UNNAMED TRIB NORTH SIDE OF WARSAW ISLAND (16-25)	BEAUFORT	SFH
MD-256	UNNAMED CREEK BETWEEN HARBOR RIVER AND STORY RIVER (16-21)	BEAUFORT	SFH
MD-257	RAMSHORN CREEK AT COOPER RIVER (19-03)	BEAUFORT	SFH, ORW
MD-258	RAMSHORN CREEK AT NEW RIVER (19-07)	JASPER, BEAUFORT	SFH, SA
MD-259	WRIGHT RIVER 1.5 MILES US FROM FIELDS CUT (19-20)	JASPER	SA
MD-260	S EDISTO RVR AT NORTHERN CONFLUENCE WITH ALLIGATOR CREEK (13-20)	CHARLESTON, COLLETON	ORW
SV-191	SAVANNAH RVR AT US 17 8.9 MI SSW OF HARDEEVILLE	JASPER	SB-SP
SV-370	SAVANNAH RVR 0.2 MI UPSTREAM EBENEZER CK	JASPER	FW
LOW COUNTRY - 2007 RANDOM LAKE SITES - ACTIVE			
RL-07033	LAKE WARREN IN SMALL EMBAYMENT NEAR NW END OF S-25-41 BRIDGE	HAMPTON	FW
LOW COUNTRY - 2007 RANDOM OPEN WATER SITES - ACTIVE			
RO-07329	SKULL CREEK 1.8 MI NE OF US 278 BRIDGE	BEAUFORT	SFH
RO-07330	WIMBEE CREEK 0.5 MI NW OF CONFLUENCE WITH SCHOONER CREEK	BEAUFORT	SFH
RO-07334	BEAUFORT RIVER BEHIND SANDBAR 1.3 MI S OF MOUTH OF BALLAST CREEK	BEAUFORT	SFH
RO-07335	COOSAW RIVER 1.3 MI NW OF MOUTH OF MORGAN BACK CREEKS	BEAUFORT	SFH
RO-07337	CHECHESSEE RIVER 2.1 MI SE OF SC 170 NEAR ROSE ISLAND (EAST BANK)	BEAUFORT	SFH
RO-07338	BEAUFORT RIVER 100 M N OF US 21/SC 802 ABOUT 125 M FROM GIBBS ISLAND (EAST BANK)	BEAUFORT	SA
RO-07341	CALIBOGUE SOUND 1.2 MI SW OF BRADDOCK COVE WEST BANK OPPOSITE BRADDOCK	BEAUFORT	SFH
RO-07342	FRIPPS INLET 0.3 MI N OF MOUTH OF OLD HOUSE CREEK	BEAUFORT	ORW

AMBIENT MONITORING SITES FOR LOW COUNTRY

STATION	DESCRIPTION	COUNTY LOCATION(S)	STREAM CLASS(ES)
LOW COUNTRY - 2007 RANDOM STREAM SITES - ACTIVE			
RS-07044	UNNAMED TRIB TO BRIER CK AT US 601. THIS IS A CULVERT AT INTERSECTION OF US 601 & S-25-450. THERE IS FOOTPATH TO THE CK OFF OF S-25-450 ABOUT 20 YDS UPSTREAM FROM US 601.	HAMPTON	FW
LOW COUNTRY - 2007 RANDOM TIDE CREEK SITES - ACTIVE			
RT-07038	UNNAMED TRIBUTARY TO COOSAWHATCHIE RIVER 7.6 MI NE OF RIDGELAND	JASPER	SFH
RT-07042	ALBERGOTTIE CREEK 0.35 MI NE (DS) OF AIR BASE DOCK	BEAUFORT	SFH
RT-07053	NORTHERN UNNAMED TRIBUTARY OF PAIR TO WRIGHT RIVER 1.6 MI US OF MUD RIVER 0.5 MI UP TRIB	JASPER	SA
RT-07057	UNNAMED TRIBUTARY TO CHECHESSEE CREEK 0.1 MI NE OF SECOND BRIDGE TO CALLAWASSIE ISLAND	BEAUFORT	ORW
RT-07058	FACTORY CK UPPER END 1.75 MI FROM WHITE HALL LANDING	BEAUFORT	SFH
RT-07062	SOUTH WIMBEE CREEK 1.5 MI FROM CONFLUENCE WITH WIMBEE CREEK	BEAUFORT	SFH
LOW COUNTRY - SEDIMENT ONLY SITES - ACTIVE			
MD-194	WHALE BR AT JCT WITH CAMPBELL'S CK-3/4 MI W OF MD-010	BEAUFORT	SFH
LOW COUNTRY - SPECIAL PURPOSE SITES - ACTIVE			
MD-174	BROAD CK OPPOSITE END OF S-O7-80	BEAUFORT	SFH
LOW COUNTRY - SALUDA-EDISTO BASIN SITES - INACTIVE			
MD-119	EDISTO RVR AT US 17 12.5 MI NW RAVENEL	CHARLESTON, COLLETON	FW, ORW
MD-244	S EDISTO RVR BELOW ST PIERRE CK	CHARLESTON, COLLETON	SFH
LOW COUNTRY - SAVANNAH-SALKEHATCHIE BASIN SITES - INACTIVE			
CL-062	LAKE GEORGE WARREN IN FOREBAY NEAR DAM	HAMPTON	FW
CSTL-010	SANDERS BR AT SC 278	HAMPTON	FW-SP
CSTL-011	SANDERS BR AT S-25-50	HAMPTON	FW-SP
CSTL-044	IRELAND CK AT S-15-116 5 1/2 MI N OF WALTERBORO	COLLETON	FW
CSTL-069	ASHEPOO RVR AT US 17 3.4 MI ESE OF GREEN POND	COLLETON	SFH
CSTL-098	COMBAHEE RVR AT US 17 10 MI ESE YEMASSEE	BEAUFORT, COLLETON	FW, SFH
CSTL-107	COOSAWHATCHIE RVR AT US 17 AT COOSAWHATCHIE	JASPER	FW, SFH
CSTL-108	SANDERS BRANCH AT SC RD 363	HAMPTON	FW-SP
CSTL-111	COMBAHEE RVR BL YEMASSEE SEWAGE OUTFALL AT SWIMMING AREA	COLLETON, BEAUFORT	FW
MD-002	BEAUFORT RVR AT DRAWBRDG ON US 21	BEAUFORT	SA

AMBIENT MONITORING SITES FOR LOW COUNTRY

STATION	DESCRIPTION	COUNTY LOCATION(S)	STREAM CLASS(ES)
LOW COUNTRY - SAVANNAH-SALKEHATCHIE BASIN SITES - INACTIVE (CONT.)			
MD-003	BEAUFORT RVR BL BEAUFORT AT CHANNEL MARKER 244	BEAUFORT	SA
MD-005	BEAUFORT RVR BL OUTFALL OF PARRIS ISL MB AT BUOY 29	BEAUFORT	SFH
MD-006	PORT ROYAL BTWN BUOY 25 & 24 W OF BAY PT ISLAND	BEAUFORT	SFH
MD-007	POCOTALIGO RVR AT US 17 AT POCOTALIGO	BEAUFORT, JASPER	SFH
MD-012	MOUTH OF BROAD RVR OPPOSITE BALLAST CK	BEAUFORT	SFH
MD-013	MOUTH OF SKULL CK BTWN CHANNEL MARKERS 3 & 4 NEAR REDBO	BEAUFORT	SFH
MD-016	MOUTH OF MAY RVR 1.0 MI W OF CHANNEL MARKER 29	BEAUFORT	ORW, SFH
MD-117	CHECHESSEE RVR AT SC 170 10.5 MI SW OF BEAUFORT	BEAUFORT	SFH
MD-118	NEW RVR AT SC 170 9 MI W OF BLUFFTON	JASPER, BEAUFORT	SA
MD-168	COOSAW RVR AT CONFL OF COMBAHEE RVR, NEAR BUOY 186	BEAUFORT	SFH
MD-172	BROAD RVR AT MOUTH OF ARCHER CK ON SW SIDE OF USMC	BEAUFORT	SFH
MD-175	CALIBOGUE SD AT MOUTH OF COOPER RVR NR RED BUOY 32	BEAUFORT	SFH
MD-245	COLLETON RVR NEAR MOUTH (SHELLFISH STATION 18-5)	BEAUFORT	ORW
MD-251	ASHEPOO RIVER AT S-15-26	COLLETON	SFH
MD-280	BEES CK AT WALL FAMILY CAMP FLOATING DOCK APRX 1 MI E SC 462	JASPER	SB
SV-355	SAVANNAH RIVER AT STOKES BLUFF LANDING OFF S-25-461	HAMPTON	FW
SV-356	CYPRESS CREEK AT S-27-119	JASPER	FW

AMBIENT MONITORING SITES FOR SANTEE-COOPER

STATION	DESCRIPTION	COUNTY LOCATION(S)	STREAM CLASS(ES)
SANTEE-COOPER - CATAWBA-SANTEE BASIN SITES - ACTIVE			
CSTL-079	DIVERSION CANAL AT SC 45 12.6 MI W OF ST STEPHENS (SC-025)	BERKELEY	FW
ST-025	LK MARION AT OLD U.S. 301/15 BRDG NEAR SANTEE (SC-015)	ORANGEBURG, CLARENDON	FW
SANTEE-COOPER - INTEGRATOR SITES - ACTIVE			
C-015	HALFWAY SWP CK AT SC 33 (SC-007)	CALHOUN	FW
CL-042	LAKE MARION FOREBAY, SPILLWAY MARKER 44 (SC-022)	ORANGEBURG, CLARENDON	FW
CSTL-062	TAIL RACE CANAL AT US 52 & 17A BELOW LAKE MOULTRIE (SC-033)	BERKELEY	FW
ST-034	LAKE MARION AT RR TRESTLE AT LONE STAR (SC-008)	CALHOUN, SUMTER	FW
ST-036	LK MARION, WYBOO CREEK ARM DS OF CLUBHOUSE BR (SC-023A)	CLARENDON	FW
ST-037	LAKE MOULTRIE AT CHANNEL MARKER 17 (SC-030)	BERKELEY	FW
SANTEE-COOPER - 2007 RANDOM LAKE SITES - ACTIVE			
RL-07014	LAKE MOULTRIE NE QUADRANT APPROX 3 MI W OF JAHOVAH AND GOOD SHEPARD	BERKELEY	FW
RL-07018	LAKE MOULTRIE APPROX 2.3 MI SE OF DIVERSION CANAL	BERKELEY	FW
RL-07022	LAKE MOULTRIE N END APPROX 1.6 MI SE OF OLD CANAL	BERKELEY	FW
RL-07030	LAKE MOULTRIE APPROX 0.6 MI SSW OF REDIVERSION CANAL MOUTH	BERKELEY	FW

B. Ambient Surface Water Quality Monitoring Sites

Listed by Waterbody

MONITORING SITES BY WATERBODY NAME

WATERBODY	DISTRICT	STATION	STREAM TYPE
ADAMS CK	TRIDENT	RT-07043	RANDOM TIDE CREEK SITE 2007 - ACTIVE
ALBERGOTTIE CREEK	LOW COUNTRY	RT-07042	RANDOM TIDE CREEK SITE 2007 - ACTIVE
ALLIGATOR CK	TRIDENT	MD-265	INTEGRATOR SITE - ACTIVE
ALLISON CK	CATAWBA	CW-171	CATAWBA-SANTEE BASIN SITE - ACTIVE
ALLISON CK	CATAWBA	CW-249	INTEGRATOR SITE - ACTIVE
ASHEPOO RVR	LOW COUNTRY	CSTL-068	INTEGRATOR SITE - ACTIVE
ASHEPOO RVR	LOW COUNTRY	CSTL-069	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
ASHEPOO RVR	LOW COUNTRY	MD-251	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
ASHEPOO RVR	LOW COUNTRY	MD-253	INTEGRATOR SITE - ACTIVE
ASHLEY RVR	TRIDENT	CSTL-102	INTEGRATOR SITE - ACTIVE
ASHLEY RVR	TRIDENT	MD-034	CATAWBA-SANTEE BASIN SITE - ACTIVE
ASHLEY RVR	TRIDENT	MD-049	SPECIAL PURPOSE SITE - ACTIVE
ASHLEY RVR	TRIDENT	MD-052	INTEGRATOR SITE - ACTIVE
ASHLEY RVR	TRIDENT	MD-135	CATAWBA-SANTEE BASIN SITE - ACTIVE
ASHPOLE SWAMP	PEE DEE	PD-347	PEE DEE BASIN SITE - INACTIVE
AWENDAW CK	TRIDENT	MD-250	CATAWBA-SANTEE BASIN SITE - ACTIVE
AWENDAW CK	TRIDENT	MD-268	INTEGRATOR SITE - ACTIVE
BEAR CK	CENT MIDLANDS	CW-229	CATAWBA-SANTEE BASIN SITE - ACTIVE
BEAR CK	CATAWBA	CW-131	CATAWBA-SANTEE BASIN SITE - ACTIVE
BEAR CK	CATAWBA	CW-151	CATAWBA-SANTEE BASIN SITE - ACTIVE
BEAR SWAMP	PEE DEE	PD-368	INTEGRATOR SITE - ACTIVE
BEARDS FORK CK	APPALACHIA II	B-231	BROAD BASIN SITE - INACTIVE
BEAUFORT RVR	LOW COUNTRY	MD-001	INTEGRATOR SITE - ACTIVE
BEAUFORT RVR	LOW COUNTRY	MD-002	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
BEAUFORT RVR	LOW COUNTRY	MD-003	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
BEAUFORT RVR	LOW COUNTRY	MD-004	INTEGRATOR SITE - ACTIVE
BEAUFORT RVR	LOW COUNTRY	MD-005	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
BEAUFORT RVR	LOW COUNTRY	RO-07334	RANDOM OPEN WATER SITE 2007 - ACTIVE
BEAUFORT RVR	LOW COUNTRY	RO-07338	RANDOM OPEN WATER SITE 2007 - ACTIVE
BEAVERDAM CK	APPALACHIA II	B-246	INTEGRATOR SITE - ACTIVE
BEAVERDAM CK	APPALACHIA II	BE-039	BROAD BASIN SITE - INACTIVE
BEAVERDAM CK	APPALACHIA II	SV-345	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
BEAVERDAM CK	APPALACHIA II	SV-364	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
BEAVERDAM CK	L. SAVANNAH	SV-068	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
BEAVERDAM CK	L. SAVANNAH	SV-353	INTEGRATOR SITE - ACTIVE
BEAVERDAM CK	CATAWBA	CW-153	CATAWBA-SANTEE BASIN SITE - ACTIVE
BEES CK	LOW COUNTRY	MD-280	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
BETSY CK	APPALACHIA II	SV-037	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
BIG BRANCH	PEE DEE	RS-07192	RANDOM STREAM SITE 2007 - ACTIVE
BIG BRANCH	CENT MIDLANDS	CW-243	INTEGRATOR SITE - ACTIVE
BIG BRUSHY CK	APPALACHIA II	S-301	INTEGRATOR SITE - ACTIVE
BIG CEDAR CK	CENT MIDLANDS	B-320	INTEGRATOR SITE - ACTIVE
BIG CK	APPALACHIA II	S-302	INTEGRATOR SITE - ACTIVE
BIG GENEROSTEE CK	APPALACHIA II	SV-316	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
BIG PINE TREE CK	CENT MIDLANDS	CW-021	INTEGRATOR SITE - ACTIVE
BIG SWAMP	PEE DEE	PD-168	PEE DEE BASIN SITE - INACTIVE
BIG SWAMP	PEE DEE	PD-169	INTEGRATOR SITE - ACTIVE
BIG WATEREE CK	CATAWBA	CW-072	INTEGRATOR SITE - ACTIVE
BLACK CK	L. SAVANNAH	E-103	INTEGRATOR SITE - ACTIVE
BLACK CK	L. SAVANNAH	RS-07058	RANDOM STREAM SITE 2007 - ACTIVE
BLACK CK	PEE DEE	PD-021	PEE DEE BASIN SITE - INACTIVE
BLACK CK	PEE DEE	PD-023	PEE DEE BASIN SITE - INACTIVE
BLACK CK	PEE DEE	PD-024A	SPECIAL PURPOSE SITE - ACTIVE
BLACK CK	PEE DEE	PD-025	PEE DEE BASIN SITE - INACTIVE
BLACK CK	PEE DEE	PD-027	SPECIAL PURPOSE SITE - ACTIVE
BLACK CK	PEE DEE	PD-078	INTEGRATOR SITE - ACTIVE
BLACK CK	PEE DEE	PD-159	PEE DEE BASIN SITE - INACTIVE
BLACK CK	PEE DEE	PD-330	PEE DEE BASIN SITE - INACTIVE
BLACK CK	CATAWBA	PD-004	PEE DEE BASIN SITE - INACTIVE
BLACK CK	CATAWBA	PD-251	INTEGRATOR SITE - ACTIVE
BLACK MINGO CK	PEE DEE	PD-360	INTEGRATOR SITE - ACTIVE
BLACK MINGO CK	PEE DEE	PD-361	INTEGRATOR SITE - ACTIVE
BLACK RVR	PEE DEE	PD-044	INTEGRATOR SITE - ACTIVE

MONITORING SITES BY WATERBODY NAME

WATERBODY	DISTRICT	STATION	STREAM TYPE
BLACK RVR	PEE DEE	PD-045	PEE DEE BASIN SITE - INACTIVE
BLACK RVR	PEE DEE	PD-116	INTEGRATOR SITE - ACTIVE
BLACK RVR	PEE DEE	PD-170	INTEGRATOR SITE - ACTIVE
BLACK RVR	PEE DEE	PD-227	INTEGRATOR SITE - ACTIVE
BLACK RVR	PEE DEE	PD-325	INTEGRATOR SITE - ACTIVE
BLACK RVR	PEE DEE	PD-353	INTEGRATOR SITE - ACTIVE
BLACK RVR	PEE DEE	PD-359	INTEGRATOR SITE - ACTIVE
BLUE HILL CK	APPALACHIA II	SV-053B	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
BOHICKET CK	TRIDENT	MD-209	INTEGRATOR SITE - ACTIVE
BOHICKET CK	TRIDENT	MD-210	SALUDA-EDISTO BASIN SITE - INACTIVE
BROAD CK	LOW COUNTRY	MD-174	SPECIAL PURPOSE SITE - ACTIVE
BROAD MOUTH CK	APPALACHIA II	S-010	SALUDA-EDISTO BASIN SITE - INACTIVE
BROAD MOUTH CK	APPALACHIA II	S-289	SALUDA-EDISTO BASIN SITE - INACTIVE
BROAD MOUTH CK	APPALACHIA II	S-304	INTEGRATOR SITE - ACTIVE
BROAD RVR	CENT MIDLANDS	B-047	BROAD BASIN SITE - INACTIVE
BROAD RVR	CENT MIDLANDS	B-080	BROAD BASIN SITE - INACTIVE
BROAD RVR	CENT MIDLANDS	B-236	BROAD BASIN SITE - INACTIVE
BROAD RVR	CENT MIDLANDS	B-337	INTEGRATOR SITE - ACTIVE
BROAD RVR	CATAWBA	B-042	INTEGRATOR SITE - ACTIVE
BROAD RVR	CATAWBA	B-044	INTEGRATOR SITE - ACTIVE
BROAD RVR	CATAWBA	B-046	INTEGRATOR SITE - ACTIVE
BROAD RVR	CATAWBA	B-351	SPECIAL PURPOSE SITE - ACTIVE
BROAD RVR	LOW COUNTRY	MD-012	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
BROAD RVR	LOW COUNTRY	MD-116	INTEGRATOR SITE - ACTIVE
BROAD RVR	LOW COUNTRY	MD-172	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
BROADWAY CK	APPALACHIA II	SV-141	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
BROWN CK	CATAWBA	CW-105	CATAWBA-SANTEE BASIN SITE - ACTIVE
BROWNS CK	CATAWBA	B-155	INTEGRATOR SITE - ACTIVE
BRUSHY CK	APPALACHIA II	BE-009	BROAD BASIN SITE - INACTIVE
BRUSHY CK	APPALACHIA II	BE-035	BROAD BASIN SITE - INACTIVE
BRUSHY CK	APPALACHIA II	S-067	SALUDA-EDISTO BASIN SITE - INACTIVE
BUCK CK	PEE DEE	PD-362	INTEGRATOR SITE - ACTIVE
BUCK SWAMP	PEE DEE	PD-031	PEE DEE BASIN SITE - INACTIVE
BUCK SWAMP	PEE DEE	PD-349	INTEGRATOR SITE - ACTIVE
BUCK SWAMP	PEE DEE	RS-07047	RANDOM STREAM SITE 2007 - ACTIVE
BUCKHEAD CK	L. SAVANNAH	CSTL-119	INTEGRATOR SITE - ACTIVE
BUFFALO CK	CATAWBA	B-057	INTEGRATOR SITE - ACTIVE
BUFFALO CK	CATAWBA	B-119	BROAD BASIN SITE - INACTIVE
BULL SWAMP CK	L. SAVANNAH	E-042	INTEGRATOR SITE - ACTIVE
BULL SWAMP CK	CENT MIDLANDS	E-034	SALUDA-EDISTO BASIN SITE - INACTIVE
BULL SWAMP CK	CENT MIDLANDS	E-035	SALUDA-EDISTO BASIN SITE - INACTIVE
BULLOCK CK	CATAWBA	B-159	INTEGRATOR SITE - ACTIVE
BULLYARD SOUND	TRIDENT	MD-270	INTEGRATOR SITE - ACTIVE
BUSH RVR	CENT MIDLANDS	S-042	SALUDA-EDISTO BASIN SITE - INACTIVE
BUSH RVR	CENT MIDLANDS	S-046	SALUDA-EDISTO BASIN SITE - INACTIVE
BUSH RVR	CENT MIDLANDS	S-102	SALUDA-EDISTO BASIN SITE - INACTIVE
CALABASH BRANCH	CATAWBA	CW-134	CATAWBA-SANTEE BASIN SITE - ACTIVE
CALIBOGUE SOUND	LOW COUNTRY	MD-175	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
CALIBOGUE SOUND	LOW COUNTRY	RO-07341	RANDOM OPEN WATER SITE 2007 - ACTIVE
CAMP BRANCH	PEE DEE	PD-346	INTEGRATOR SITE - ACTIVE
CAMP CK	CATAWBA	CW-235	INTEGRATOR SITE - ACTIVE
CAMPING CK	CENT MIDLANDS	S-290	SALUDA-EDISTO BASIN SITE - INACTIVE
CANE CK	APPALACHIA II	SV-342	SPECIAL PURPOSE SITE - ACTIVE
CANE CK	CATAWBA	CW-017	INTEGRATOR SITE - ACTIVE
CANE CK	CATAWBA	CW-185	CATAWBA-SANTEE BASIN SITE - ACTIVE
CANOE CK	CATAWBA	B-088	BROAD BASIN SITE - INACTIVE
CASINO CK	TRIDENT	MD-266	INTEGRATOR SITE - ACTIVE
CATAWBA RVR	CATAWBA	CW-014	SPECIAL PURPOSE SITE - ACTIVE
CATAWBA RVR	CATAWBA	CW-016	INTEGRATOR SITE - ACTIVE
CATAWBA RVR TRIB	CATAWBA	CW-221	CATAWBA-SANTEE BASIN SITE - ACTIVE
CATFISH CANAL	PEE DEE	PD-097	INTEGRATOR SITE - ACTIVE
CATTLE CK	L. SAVANNAH	E-108	INTEGRATOR SITE - ACTIVE
CAW CAW SWAMP	L. SAVANNAH	E-105	INTEGRATOR SITE - ACTIVE

MONITORING SITES BY WATERBODY NAME

WATERBODY	DISTRICT	STATION	STREAM TYPE
CEDAR CK	PEE DEE	PD-351	PEE DEE BASIN SITE - INACTIVE
CEDAR CK	CENT MIDLANDS	C-069	SEDIMENT ONLY SITE - ACTIVE
CEDAR CK	CENT MIDLANDS	C-075	INTEGRATOR SITE - ACTIVE
CEDAR CK	CATAWBA	PD-151	INTEGRATOR SITE - ACTIVE
CHARLESTON HARBOR	TRIDENT	MD-048	CATAWBA-SANTEE BASIN SITE - ACTIVE
CHARLESTON HARBOR	TRIDENT	MD-165	INTEGRATOR SITE - ACTIVE
CHARLESTON HARBOR	TRIDENT	MD-247	INTEGRATOR SITE - ACTIVE
CHARLESTON HARBOR	TRIDENT	RO-07336	RANDOM OPEN WATER SITE 2007 - ACTIVE
CHATTOOGA RVR	APPALACHIA II	SV-199	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
CHATTOOGA RVR	APPALACHIA II	SV-227	INTEGRATOR SITE - ACTIVE
CHAUGA RVR	APPALACHIA II	SV-344	INTEGRATOR SITE - ACTIVE
CHECHESSEE RVR	LOW COUNTRY	MD-117	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
CHECHESSEE RVR	LOW COUNTRY	RO-07337	RANDOM OPEN WATER SITE 2007 - ACTIVE
CHEROKEE CK	APPALACHIA II	SV-043	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
CHEROKEE CK	CATAWBA	B-056	INTEGRATOR SITE - ACTIVE
CHINNERS SWAMP	PEE DEE	PD-177	PEE DEE BASIN SITE - INACTIVE
CHINNERS SWAMP	PEE DEE	PD-352	INTEGRATOR SITE - ACTIVE
CHINNERS SWAMP	PEE DEE	RS-07051	RANDOM STREAM SITE 2007 - ACTIVE
CHINQUAPIN CK	L. SAVANNAH	E-091	SALUDA-EDISTO BASIN SITE - INACTIVE
CHOESTOEA CK	APPALACHIA II	SV-108	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
CHURCH CK	TRIDENT	MD-195	SALUDA-EDISTO BASIN SITE - INACTIVE
CHURCH CK	TRIDENT	MD-246	CATAWBA-SANTEE BASIN SITE - ACTIVE
CLARK FORK TO CRAWFORD LAKE	CATAWBA	B-325	BROAD BASIN SITE - INACTIVE
CLOUDS CK	L. SAVANNAH	S-255	SALUDA-EDISTO BASIN SITE - INACTIVE
CLOUDS CK	L. SAVANNAH	S-324	INTEGRATOR SITE - ACTIVE
CLOUTER CREEK	TRIDENT	RT-07040	RANDOM TIDE CREEK SITE 2007 - ACTIVE
COLLETON RVR	LOW COUNTRY	MD-176	INTEGRATOR SITE - ACTIVE
COLLETON RVR	LOW COUNTRY	MD-245	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
COLONELS CK	CENT MIDLANDS	CW-240	CATAWBA-SANTEE BASIN SITE - ACTIVE
COLONELS CK	CENT MIDLANDS	CW-250	INTEGRATOR SITE - ACTIVE
COMBAHEE RVR	LOW COUNTRY	CSTL-098	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
COMBAHEE RVR	LOW COUNTRY	CSTL-111	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
COMBAHEE RVR	LOW COUNTRY	MD-252	INTEGRATOR SITE - ACTIVE
CONEROSS CK	APPALACHIA II	SV-004	INTEGRATOR SITE - ACTIVE
CONEROSS CK	APPALACHIA II	SV-333	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
CONGAREE CK	CENT MIDLANDS	C-008	SALUDA-EDISTO BASIN SITE - INACTIVE
CONGAREE CK	CENT MIDLANDS	C-070	INTEGRATOR SITE - ACTIVE
CONGAREE CK	CENT MIDLANDS	RS-07216	RANDOM STREAM SITE 2007 - ACTIVE
CONGAREE RVR	CENT MIDLANDS	C-007	INTEGRATOR SITE - ACTIVE
CONGAREE RVR	CENT MIDLANDS	C-074	INTEGRATOR SITE - ACTIVE
CONGAREE RVR	CENT MIDLANDS	CSB-001L	SEDIMENT ONLY SITE - ACTIVE
CONGAREE RVR	CENT MIDLANDS	CSB-001R	SEDIMENT ONLY SITE - ACTIVE
COOPER RVR	TRIDENT	CSTL-085	INTEGRATOR SITE - ACTIVE
COOPER RVR	TRIDENT	MD-043	SPECIAL PURPOSE SITE - ACTIVE
COOPER RVR	TRIDENT	MD-044	CATAWBA-SANTEE BASIN SITE - ACTIVE
COOPER RVR	TRIDENT	MD-045	INTEGRATOR SITE - ACTIVE
COOPER RVR	TRIDENT	MD-046	CATAWBA-SANTEE BASIN SITE - ACTIVE
COOPER RVR	TRIDENT	MD-152	CATAWBA-SANTEE BASIN SITE - ACTIVE
COOPER RVR	TRIDENT	MD-248	SPECIAL PURPOSE SITE - ACTIVE
COOPER RVR	LOW COUNTRY	MD-257	INTEGRATOR SITE - ACTIVE
COOSAW RVR	LOW COUNTRY	MD-168	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
COOSAW RVR	LOW COUNTRY	RO-07335	RANDOM OPEN WATER SITE 2007 - ACTIVE
COOSAWHATCHIE RVR	L. SAVANNAH	CSTL-110	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
COOSAWHATCHIE RVR	LOW COUNTRY	CSTL-107	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
COOSAWHATCHIE RVR	LOW COUNTRY	CSTL-109	INTEGRATOR SITE - ACTIVE
COOSAWHATCHIE RVR	LOW COUNTRY	CSTL-121	INTEGRATOR SITE - ACTIVE
CORONACA CK	L. SAVANNAH	S-092	SALUDA-EDISTO BASIN SITE - INACTIVE
COUSAR BRANCH	PEE DEE	PD-112	PEE DEE BASIN SITE - INACTIVE
COW CASTLE CK	L. SAVANNAH	E-050	INTEGRATOR SITE - ACTIVE
CRAB TREE SWAMP	PEE DEE	MD-158	PEE DEE BASIN SITE - INACTIVE
CRANE CK	CENT MIDLANDS	B-316	BROAD BASIN SITE - INACTIVE
CROOKED CK	PEE DEE	PD-014	PEE DEE BASIN SITE - INACTIVE
CROOKED CK	PEE DEE	PD-107	PEE DEE BASIN SITE - INACTIVE

MONITORING SITES BY WATERBODY NAME

WATERBODY	DISTRICT	STATION	STREAM TYPE
CROOKED CK	CATAWBA	PD-063	INTEGRATOR SITE - ACTIVE
CROWDERS CK	CATAWBA	CW-023	SPECIAL PURPOSE SITE - ACTIVE
CROWDERS CK	CATAWBA	CW-024	CATAWBA-SANTEE BASIN SITE - ACTIVE
CROWDERS CK	CATAWBA	CW-152	SPECIAL PURPOSE SITE - ACTIVE
CUFFYTOWN CK	L. SAVANNAH	SV-351	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
CUPBOARD CK	APPALACHIA II	SV-139	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
CUPBOARD CK	APPALACHIA II	SV-140	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
CYPRESS CK	LOW COUNTRY	CSTL-122	INTEGRATOR SITE - ACTIVE
CYPRESS CK	LOW COUNTRY	SV-356	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
CYPRESS SWAMP	TRIDENT	CSTL-078	INTEGRATOR SITE - ACTIVE
DAWHO RIVER	TRIDENT	RT-07055	RANDOM TIDE CREEK SITE 2007 - ACTIVE
DAWHO RVR	TRIDENT	MD-120	INTEGRATOR SITE - ACTIVE
DEAN SWAMP	L. SAVANNAH	E-030	INTEGRATOR SITE - ACTIVE
DEAN SWAMP CK	L. SAVANNAH	E-107	INTEGRATOR SITE - ACTIVE
DILLARD CK	APPALACHIA II	RS-07220	RANDOM STREAM SITE 2007 - ACTIVE
DIVERSION CANAL	SANTEE COOPER	CSTL-079	CATAWBA-SANTEE BASIN SITE - ACTIVE
DODDIES CK	APPALACHIA II	RS-07215	RANDOM STREAM SITE 2007 - ACTIVE
DOOLITTLE CK	CATAWBA	B-323	BROAD BASIN SITE - INACTIVE
DORCHESTER CK	TRIDENT	CSTL-013	INTEGRATOR SITE - ACTIVE
DRY FORK	CATAWBA	B-074	BROAD BASIN SITE - INACTIVE
DUNCAN CK	CENT MIDLANDS	B-072	INTEGRATOR SITE - ACTIVE
DURBIN CK	APPALACHIA II	B-035	BROAD BASIN SITE - INACTIVE
DURBIN CK	APPALACHIA II	B-097	BROAD BASIN SITE - INACTIVE
DURBIN CK	APPALACHIA II	RS-07048	RANDOM STREAM SITE 2007 - ACTIVE
DURHAM CK	TRIDENT	MD-217	CATAWBA-SANTEE BASIN SITE - ACTIVE
E BR COOPER RVR	TRIDENT	CSTL-123	INTEGRATOR SITE - ACTIVE
E FORK CHATTOOGA RVR	APPALACHIA II	SV-308	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
EAGLE CK	TRIDENT	CSTL-099	CATAWBA-SANTEE BASIN SITE - ACTIVE
EASTATOE CK	APPALACHIA II	SV-230	SPECIAL PURPOSE SITE - ACTIVE
EDISTO RVR	L. SAVANNAH	E-013	SALUDA-EDISTO BASIN SITE - INACTIVE
EDISTO RVR	L. SAVANNAH	E-013A	INTEGRATOR SITE - ACTIVE
EDISTO RVR	TRIDENT	E-014	SALUDA-EDISTO BASIN SITE - INACTIVE
EDISTO RVR	TRIDENT	E-015	INTEGRATOR SITE - ACTIVE
EDISTO RVR	TRIDENT	E-086	INTEGRATOR SITE - ACTIVE
EDISTO RVR	LOW COUNTRY	MD-119	SALUDA-EDISTO BASIN SITE - INACTIVE
EIGHTEENMILE CK	APPALACHIA II	SV-017	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
EIGHTEENMILE CK	APPALACHIA II	SV-135	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
EIGHTEENMILE CK	APPALACHIA II	SV-233	INTEGRATOR SITE - ACTIVE
EIGHTEENMILE CK	APPALACHIA II	SV-245	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
ELLIOTT CUT	TRIDENT	MD-025	CATAWBA-SANTEE BASIN SITE - ACTIVE
ENOREE RVR	APPALACHIA II	B-037	BROAD BASIN SITE - INACTIVE
ENOREE RVR	APPALACHIA II	B-040	INTEGRATOR SITE - ACTIVE
ENOREE RVR	APPALACHIA II	B-041	BROAD BASIN SITE - INACTIVE
ENOREE RVR	APPALACHIA II	BE-001	BROAD BASIN SITE - INACTIVE
ENOREE RVR	APPALACHIA II	BE-015	BROAD BASIN SITE - INACTIVE
ENOREE RVR	APPALACHIA II	BE-017	SPECIAL PURPOSE SITE - ACTIVE
ENOREE RVR	APPALACHIA II	BE-018	BROAD BASIN SITE - INACTIVE
ENOREE RVR	CENT MIDLANDS	B-053	INTEGRATOR SITE - ACTIVE
ENOREE RVR	CENT MIDLANDS	B-054	INTEGRATOR SITE - ACTIVE
FACTORY CREEK	LOW COUNTRY	RT-07058	RANDOM TIDE CREEK SITE 2007 - ACTIVE
FAIRFOREST CK	APPALACHIA II	B-020	BROAD BASIN SITE - INACTIVE
FAIRFOREST CK	APPALACHIA II	B-021	BROAD BASIN SITE - INACTIVE
FAIRFOREST CK	APPALACHIA II	B-164	BROAD BASIN SITE - INACTIVE
FAIRFOREST CK	CATAWBA	BF-007	SPECIAL PURPOSE SITE - ACTIVE
FAIRFOREST CK	CATAWBA	BF-008	INTEGRATOR SITE - ACTIVE
FAIRFOREST CK TRIB	APPALACHIA II	B-321	BROAD BASIN SITE - INACTIVE
FILBIN CK	TRIDENT	MD-249	CATAWBA-SANTEE BASIN SITE - ACTIVE
FIRST BRANCH	L. SAVANNAH	E-001	SALUDA-EDISTO BASIN SITE - INACTIVE
FISHING CK	CATAWBA	CW-005	CATAWBA-SANTEE BASIN SITE - ACTIVE
FISHING CK	CATAWBA	CW-008	CATAWBA-SANTEE BASIN SITE - ACTIVE
FISHING CK	CATAWBA	CW-029	CATAWBA-SANTEE BASIN SITE - ACTIVE
FISHING CK	CATAWBA	CW-224	CATAWBA-SANTEE BASIN SITE - ACTIVE
FISHING CK	CATAWBA	CW-225	INTEGRATOR SITE - ACTIVE

MONITORING SITES BY WATERBODY NAME

WATERBODY	DISTRICT	STATION	STREAM TYPE
FISHING CK	CATAWBA	CW-233	INTEGRATOR SITE - ACTIVE
FIVE FATHOM CK	TRIDENT	MD-267	INTEGRATOR SITE - ACTIVE
FLAT CK	CATAWBA	PD-342	INTEGRATOR SITE - ACTIVE
FOLLY CK	TRIDENT	MD-274	INTEGRATOR SITE - ACTIVE
FOLLY RVR	TRIDENT	MD-130	INTEGRATOR SITE - ACTIVE
FORK CK	CATAWBA	PD-067	PEE DEE BASIN SITE - INACTIVE
FORK CK	CATAWBA	PD-068	INTEGRATOR SITE - ACTIVE
FOSTER CK	TRIDENT	MD-240	CATAWBA-SANTEE BASIN SITE - ACTIVE
FOUR HOLE SWAMP	L. SAVANNAH	E-059	INTEGRATOR SITE - ACTIVE
FOUR HOLE SWAMP	L. SAVANNAH	E-111	INTEGRATOR SITE - ACTIVE
FOUR HOLE SWAMP	L. SAVANNAH	E-112	INTEGRATOR SITE - ACTIVE
FOUR HOLE SWAMP	TRIDENT	E-015A	INTEGRATOR SITE - ACTIVE
FOUR HOLE SWAMP	TRIDENT	E-100	SALUDA-EDISTO BASIN SITE - INACTIVE
FOURMILE BRANCH	L. SAVANNAH	SV-326	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
FRIPPS INLET	LOW COUNTRY	RO-07342	RANDOM OPEN WATER SITE 2007 - ACTIVE
GEORGES CK	APPALACHIA II	S-300	INTEGRATOR SITE - ACTIVE
GEORGES CK TRIB	APPALACHIA II	S-005	SALUDA-EDISTO BASIN SITE - INACTIVE
GILDER CK	APPALACHIA II	B-241	BROAD BASIN SITE - INACTIVE
GILDER CK	APPALACHIA II	BE-020	BROAD BASIN SITE - INACTIVE
GILDER CK	APPALACHIA II	BE-040	BROAD BASIN SITE - INACTIVE
GILKEY CK	CATAWBA	B-334	BROAD BASIN SITE - INACTIVE
GILLS CK	CENT MIDLANDS	C-001	SALUDA-EDISTO BASIN SITE - INACTIVE
GILLS CK	CENT MIDLANDS	C-017	INTEGRATOR SITE - ACTIVE
GILLS CK	CATAWBA	CW-047	CATAWBA-SANTEE BASIN SITE - ACTIVE
GILLS CK	CATAWBA	RS-07043	RANDOM STREAM SITE 2007 - ACTIVE
GOLDEN CK	APPALACHIA II	SV-239	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
GOODLAND CK	L. SAVANNAH	E-036	INTEGRATOR SITE - ACTIVE
GOOSE CK	TRIDENT	MD-039	INTEGRATOR SITE - ACTIVE
GOOSE CK	TRIDENT	MD-114	CATAWBA-SANTEE BASIN SITE - ACTIVE
GRAMLING CK	L. SAVANNAH	E-022	SALUDA-EDISTO BASIN SITE - INACTIVE
GRANNIES QUARTER CK	CENT MIDLANDS	CW-237	INTEGRATOR SITE - ACTIVE
GRASSY RUN BRANCH	CATAWBA	CW-088	CATAWBA-SANTEE BASIN SITE - ACTIVE
GREAT SWAMP	LOW COUNTRY	MD-129	INTEGRATOR SITE - ACTIVE
GREEN SWAMP	PEE DEE	PD-039	PEE DEE BASIN SITE - INACTIVE
GREGORYS CK	CATAWBA	B-335	BROAD BASIN SITE - INACTIVE
GROVE CK	APPALACHIA II	S-171	SALUDA-EDISTO BASIN SITE - INACTIVE
GULLEY BR	PEE DEE	PD-065	PEE DEE BASIN SITE - INACTIVE
GUM SWAMP	PEE DEE	PD-062	PEE DEE BASIN SITE - INACTIVE
GUYONMOORE CK	CATAWBA	B-330	BROAD BASIN SITE - INACTIVE
HAGINS PRONG	PEE DEE	PD-336	PEE DEE BASIN SITE - INACTIVE
HAILE GOLD MINE CK	CATAWBA	PD-334	PEE DEE BASIN SITE - INACTIVE
HALFWAY SWAMP CK	CENT MIDLANDS	C-063	CATAWBA-SANTEE BASIN SITE - ACTIVE
HALFWAY SWAMP CK	CENT MIDLANDS	CW-241	CATAWBA-SANTEE BASIN SITE - ACTIVE
HALFWAY SWAMP CK	SANTEE COOPER	C-015	INTEGRATOR SITE - ACTIVE
HAMLIN CK	TRIDENT	MD-272	INTEGRATOR SITE - ACTIVE
HAMLIN SOUND	TRIDENT	MD-271	INTEGRATOR SITE - ACTIVE
HANGING ROCK CK	CATAWBA	PD-328	PEE DEE BASIN SITE - INACTIVE
HARD LABOR CK	L. SAVANNAH	SV-151	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
HIGH HILL CK	PEE DEE	PD-103	PEE DEE BASIN SITE - INACTIVE
HILLS CK	CATAWBA	PD-333	PEE DEE BASIN SITE - INACTIVE
HILLS CK	CATAWBA	PD-366	INTEGRATOR SITE - ACTIVE
HOLLOW CK	L. SAVANNAH	SV-350	INTEGRATOR SITE - ACTIVE
HOLLOW CK	CENT MIDLANDS	S-306	INTEGRATOR SITE - ACTIVE
HORSE CK	L. SAVANNAH	SV-071	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
HORSE CK	L. SAVANNAH	SV-072	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
HORSE CK	L. SAVANNAH	SV-096	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
HORSE CK	L. SAVANNAH	SV-250	INTEGRATOR SITE - ACTIVE
HORSE CK	L. SAVANNAH	SV-329	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
HORSE RANGE SWAMP	L. SAVANNAH	E-052	INTEGRATOR SITE - ACTIVE
HORSESHOE CK	LOW COUNTRY	CSTL-071	INTEGRATOR SITE - ACTIVE
HORTON CK	CATAWBA	PD-335	PEE DEE BASIN SITE - INACTIVE
HOUSE CK	PEE DEE	MD-276	INTEGRATOR SITE - ACTIVE
HUFF CK	APPALACHIA II	S-178	INTEGRATOR SITE - ACTIVE

MONITORING SITES BY WATERBODY NAME

WATERBODY	DISTRICT	STATION	STREAM TYPE
HUSPAH CK	LOW COUNTRY	MD-254	INTEGRATOR SITE - ACTIVE
ICWW	TRIDENT	MD-069	INTEGRATOR SITE - ACTIVE
ICWW	TRIDENT	RO-07328	RANDOM OPEN WATER SITE 2007 - ACTIVE
ICWW	TRIDENT	RO-07340	RANDOM OPEN WATER SITE 2007 - ACTIVE
ICWW	PEE DEE	MD-085	INTEGRATOR SITE - ACTIVE
ICWW	PEE DEE	MD-087	PEE DEE BASIN SITE - INACTIVE
ICWW	PEE DEE	MD-088	PEE DEE BASIN SITE - INACTIVE
ICWW	PEE DEE	MD-089	PEE DEE BASIN SITE - INACTIVE
ICWW	PEE DEE	MD-091	PEE DEE BASIN SITE - INACTIVE
ICWW	PEE DEE	MD-125	INTEGRATOR SITE - ACTIVE
ICWW	PEE DEE	MD-127	SPECIAL PURPOSE SITE - ACTIVE
INDIAN FIELD SWAMP	TRIDENT	E-032	INTEGRATOR SITE - ACTIVE
INDIAN HUT SWAMP	PEE DEE	RS-07221	RANDOM STREAM SITE 2007 - ACTIVE
IRELAND CK	LOW COUNTRY	CSTL-044	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
IRENE CK	CATAWBA	B-059	BROAD BASIN SITE - INACTIVE
JACKS CK	CENT MIDLANDS	CW-244	INTEGRATOR SITE - ACTIVE
JACKSON CK	CENT MIDLANDS	B-102	INTEGRATOR SITE - ACTIVE
JEFFERIES CK	PEE DEE	PD-035	PEE DEE BASIN SITE - INACTIVE
JEFFERIES CK	PEE DEE	PD-231	INTEGRATOR SITE - ACTIVE
JEFFERIES CK	PEE DEE	PD-255	PEE DEE BASIN SITE - INACTIVE
JEFFERIES CK	PEE DEE	PD-256	PEE DEE BASIN SITE - INACTIVE
JENKINS CK	LOW COUNTRY	MD-255	INTEGRATOR SITE - ACTIVE
JEREMY CK	TRIDENT	MD-203	CATAWBA-SANTEE BASIN SITE - ACTIVE
JIMMIES CK	APPALACHIA II	B-019	BROAD BASIN SITE - INACTIVE
JOHNFIELD CREEK	TRIDENT	RT-07056	RANDOM TIDE CREEK SITE 2007 - ACTIVE
JOHNS CK	APPALACHIA II	RS-07222	RANDOM STREAM SITE 2007 - ACTIVE
JUNIPER CK	CATAWBA	PD-340	INTEGRATOR SITE - ACTIVE
KELLY CK	CENT MIDLANDS	CW-154	CATAWBA-SANTEE BASIN SITE - ACTIVE
KELSEY CK	APPALACHIA II	B-235	BROAD BASIN SITE - INACTIVE
KIAWAH RVR	TRIDENT	MD-207	CATAWBA-SANTEE BASIN SITE - ACTIVE
KIAWAH RVR	TRIDENT	MD-273	INTEGRATOR SITE - ACTIVE
KINGS CK	CATAWBA	B-333	INTEGRATOR SITE - ACTIVE
KINGSTREE SWAMP CANAL	PEE DEE	PD-358	INTEGRATOR SITE - ACTIVE
KINLEY CK	CENT MIDLANDS	S-260	SALUDA-EDISTO BASIN SITE - INACTIVE
LAKE ASHWOOD	PEE DEE	CL-077	SPECIAL PURPOSE SITE - ACTIVE
LAKE BLALOCK	APPALACHIA II	B-347	BROAD BASIN SITE - INACTIVE
LAKE BLALOCK	APPALACHIA II	RL-07009	RANDOM LAKE SITE 2007 - ACTIVE
LAKE BLALOCK	APPALACHIA II	RL-07025	RANDOM LAKE SITE 2007 - ACTIVE
LAKE BOWEN	APPALACHIA II	B-339	INTEGRATOR SITE - ACTIVE
LAKE BOWEN	APPALACHIA II	B-340	BROAD BASIN SITE - INACTIVE
LAKE CHEROKEE	CATAWBA	B-343	BROAD BASIN SITE - INACTIVE
LAKE COOLEY	APPALACHIA II	B-348	BROAD BASIN SITE - INACTIVE
LAKE CRAIG	APPALACHIA II	CL-033	SPECIAL PURPOSE SITE - ACTIVE
LAKE CUNNINGHAM	APPALACHIA II	B-341	BROAD BASIN SITE - INACTIVE
LAKE EDGAR BROWN	L. SAVANNAH	CL-064	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
LAKE GREENWOOD	APPALACHIA II	RL-07020	RANDOM LAKE SITE 2007 - ACTIVE
LAKE GREENWOOD	APPALACHIA II	S-022	SALUDA-EDISTO BASIN SITE - INACTIVE
LAKE GREENWOOD	APPALACHIA II	S-024	INTEGRATOR SITE - ACTIVE
LAKE GREENWOOD	APPALACHIA II	S-097	SALUDA-EDISTO BASIN SITE - INACTIVE
LAKE GREENWOOD	APPALACHIA II	S-303	INTEGRATOR SITE - ACTIVE
LAKE GREENWOOD	APPALACHIA II	S-307	SALUDA-EDISTO BASIN SITE - INACTIVE
LAKE GREENWOOD	APPALACHIA II	S-308	SUMMER ONLY SITE - ACTIVE
LAKE GREENWOOD	L. SAVANNAH	S-131	SALUDA-EDISTO BASIN SITE - INACTIVE
LAKE HARTWELL	APPALACHIA II	RL-07012	RANDOM LAKE SITE 2007 - ACTIVE
LAKE HARTWELL	APPALACHIA II	RL-07016	RANDOM LAKE SITE 2007 - ACTIVE
LAKE HARTWELL	APPALACHIA II	RL-07032	RANDOM LAKE SITE 2007 - ACTIVE
LAKE HARTWELL	APPALACHIA II	SV-106	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
LAKE HARTWELL	APPALACHIA II	SV-107	SEDIMENT ONLY SITE - ACTIVE
LAKE HARTWELL	APPALACHIA II	SV-200	INTEGRATOR SITE - ACTIVE
LAKE HARTWELL	APPALACHIA II	SV-236	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
LAKE HARTWELL	APPALACHIA II	SV-249	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
LAKE HARTWELL	APPALACHIA II	SV-268	SUMMER ONLY SITE - ACTIVE
LAKE HARTWELL	APPALACHIA II	SV-288	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE

MONITORING SITES BY WATERBODY NAME

WATERBODY	DISTRICT	STATION	STREAM TYPE
LAKE HARTWELL	APPALACHIA II	SV-339	INTEGRATOR SITE - ACTIVE
LAKE HARTWELL	APPALACHIA II	SV-340	INTEGRATOR SITE - ACTIVE
LAKE HARTWELL	APPALACHIA II	SV-363	INTEGRATOR SITE - ACTIVE
LAKE INSPIRATION	CENT MIDLANDS	C-058	CATAWBA-SANTEE BASIN SITE - ACTIVE
LAKE ISSAQUEENA	APPALACHIA II	SV-360	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
LAKE J. ROBINSON	APPALACHIA II	CL-100	BROAD BASIN SITE - INACTIVE
LAKE J. ROBINSON	APPALACHIA II	RL-07013	RANDOM LAKE SITE 2007 - ACTIVE
LAKE J. ROBINSON	APPALACHIA II	RL-07021	RANDOM LAKE SITE 2007 - ACTIVE
LAKE J. ROBINSON	APPALACHIA II	RL-07029	RANDOM LAKE SITE 2007 - ACTIVE
LAKE JOCASSEE	APPALACHIA II	CL-019	INTEGRATOR SITE - ACTIVE
LAKE JOCASSEE	APPALACHIA II	RL-07024	RANDOM LAKE SITE 2007 - ACTIVE
LAKE JOCASSEE	APPALACHIA II	SV-334	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
LAKE JOCASSEE	APPALACHIA II	SV-335	INTEGRATOR SITE - ACTIVE
LAKE JOCASSEE	APPALACHIA II	SV-336	INTEGRATOR SITE - ACTIVE
LAKE JOCASSEE	APPALACHIA II	SV-337	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
LAKE JOHNSON	APPALACHIA II	CL-035	BROAD BASIN SITE - INACTIVE
LAKE KEOWEE	APPALACHIA II	RL-07028	RANDOM LAKE SITE 2007 - ACTIVE
LAKE KEOWEE	APPALACHIA II	SV-311	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
LAKE KEOWEE	APPALACHIA II	SV-312	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
LAKE KEOWEE	APPALACHIA II	SV-338	INTEGRATOR SITE - ACTIVE
LAKE KEOWEE	APPALACHIA II	SV-361	INTEGRATOR SITE - ACTIVE
LAKE LANIER	APPALACHIA II	B-099A	BROAD BASIN SITE - INACTIVE
LAKE LANIER	APPALACHIA II	B-099B	BROAD BASIN SITE - INACTIVE
LAKE LONG	CATAWBA	B-344	BROAD BASIN SITE - INACTIVE
LAKE MARION	SANTEE COOPER	CL-042	INTEGRATOR SITE - ACTIVE
LAKE MARION	SANTEE COOPER	ST-025	CATAWBA-SANTEE BASIN SITE - ACTIVE
LAKE MARION	SANTEE COOPER	ST-034	INTEGRATOR SITE - ACTIVE
LAKE MARION	SANTEE COOPER	ST-036	INTEGRATOR SITE - ACTIVE
LAKE MOULTRIE	SANTEE COOPER	RL-07014	RANDOM LAKE SITE 2007 - ACTIVE
LAKE MOULTRIE	SANTEE COOPER	RL-07018	RANDOM LAKE SITE 2007 - ACTIVE
LAKE MOULTRIE	SANTEE COOPER	RL-07022	RANDOM LAKE SITE 2007 - ACTIVE
LAKE MOULTRIE	SANTEE COOPER	RL-07030	RANDOM LAKE SITE 2007 - ACTIVE
LAKE MOULTRIE	SANTEE COOPER	ST-037	INTEGRATOR SITE - ACTIVE
LAKE MURRAY	CENT MIDLANDS	CL-083	INTEGRATOR SITE - ACTIVE
LAKE MURRAY	CENT MIDLANDS	RL-07007	RANDOM LAKE SITE 2007 - ACTIVE
LAKE MURRAY	CENT MIDLANDS	RL-07023	RANDOM LAKE SITE 2007 - ACTIVE
LAKE MURRAY	CENT MIDLANDS	S-204	SALUDA-EDISTO BASIN SITE - INACTIVE
LAKE MURRAY	CENT MIDLANDS	S-211	SALUDA-EDISTO BASIN SITE - INACTIVE
LAKE MURRAY	CENT MIDLANDS	S-212	SALUDA-EDISTO BASIN SITE - INACTIVE
LAKE MURRAY	CENT MIDLANDS	S-213	SALUDA-EDISTO BASIN SITE - INACTIVE
LAKE MURRAY	CENT MIDLANDS	S-222	SALUDA-EDISTO BASIN SITE - INACTIVE
LAKE MURRAY	CENT MIDLANDS	S-223	SALUDA-EDISTO BASIN SITE - INACTIVE
LAKE MURRAY	CENT MIDLANDS	S-273	SALUDA-EDISTO BASIN SITE - INACTIVE
LAKE MURRAY	CENT MIDLANDS	S-274	SALUDA-EDISTO BASIN SITE - INACTIVE
LAKE MURRAY	CENT MIDLANDS	S-279	SALUDA-EDISTO BASIN SITE - INACTIVE
LAKE MURRAY	CENT MIDLANDS	S-280	SALUDA-EDISTO BASIN SITE - INACTIVE
LAKE MURRAY	CENT MIDLANDS	S-309	SUMMER ONLY SITE - ACTIVE
LAKE MURRAY	CENT MIDLANDS	S-310	INTEGRATOR SITE - ACTIVE
LAKE OLIPHANT	CATAWBA	CL-021	CATAWBA-SANTEE BASIN SITE - ACTIVE
LAKE OOLENOY	APPALACHIA II	S-798	SALUDA-EDISTO BASIN SITE - INACTIVE
LAKE RABON	APPALACHIA II	RL-07015	RANDOM LAKE SITE 2007 - ACTIVE
LAKE RABON	APPALACHIA II	RL-07031	RANDOM LAKE SITE 2007 - ACTIVE
LAKE RABON	APPALACHIA II	S-296	SUMMER ONLY SITE - ACTIVE
LAKE RABON	APPALACHIA II	S-312	SALUDA-EDISTO BASIN SITE - INACTIVE
LAKE RABON	APPALACHIA II	S-313	SALUDA-EDISTO BASIN SITE - INACTIVE
LAKE ROBINSON	CATAWBA	CL-094	INTEGRATOR SITE - ACTIVE
LAKE ROBINSON	CATAWBA	PD-327	INTEGRATOR SITE - ACTIVE
LAKE RUSSELL	APPALACHIA II	SV-098	INTEGRATOR SITE - ACTIVE
LAKE RUSSELL	APPALACHIA II	SV-100	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
LAKE RUSSELL	APPALACHIA II	SV-357	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
LAKE SECESSION	APPALACHIA II	SV-331	INTEGRATOR SITE - ACTIVE
LAKE SECESSION	APPALACHIA II	SV-332	INTEGRATOR SITE - ACTIVE
LAKE SWAMP	PEE DEE	PD-085	PEE DEE BASIN SITE - INACTIVE

WATERBODY	DISTRICT	STATION	STREAM TYPE
LAKE SWAMP	PEE DEE	PD-086A	INTEGRATOR SITE - ACTIVE
LAKE SWAMP	PEE DEE	PD-087	INTEGRATOR SITE - ACTIVE
LAKE SWAMP	PEE DEE	PD-176	INTEGRATOR SITE - ACTIVE
LAKE SWAMP	PEE DEE	PD-345	INTEGRATOR SITE - ACTIVE
LAKE THICKETTY	CATAWBA	B-342	BROAD BASIN SITE - INACTIVE
LAKE WALLACE	CATAWBA	CL-086	PEE DEE BASIN SITE - INACTIVE
LAKE WARREN	LOW COUNTRY	CL-062	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
LAKE WARREN	LOW COUNTRY	CSTL-075	INTEGRATOR SITE - ACTIVE
LAKE WARREN	LOW COUNTRY	RL-07033	RANDOM LAKE SITE 2007 - ACTIVE
LAKE WATEREE	CENT MIDLANDS	CL-089	INTEGRATOR SITE - ACTIVE
LAKE WATEREE	CENT MIDLANDS	CW-207	CATAWBA-SANTEE BASIN SITE - ACTIVE
LAKE WATEREE	CENT MIDLANDS	CW-208	CATAWBA-SANTEE BASIN SITE - ACTIVE
LAKE WATEREE	CENT MIDLANDS	CW-209	CATAWBA-SANTEE BASIN SITE - ACTIVE
LAKE WATEREE	CATAWBA	CW-231	INTEGRATOR SITE - ACTIVE
LAKE WYLIE	CATAWBA	CW-027	SPECIAL PURPOSE SITE - ACTIVE
LAKE WYLIE	CATAWBA	CW-197	INTEGRATOR SITE - ACTIVE
LAKE WYLIE	CATAWBA	CW-198	CATAWBA-SANTEE BASIN SITE - ACTIVE
LAKE WYLIE	CATAWBA	CW-200	CATAWBA-SANTEE BASIN SITE - ACTIVE
LAKE WYLIE	CATAWBA	CW-201	CATAWBA-SANTEE BASIN SITE - ACTIVE
LAKE WYLIE	CATAWBA	CW-230	INTEGRATOR SITE - ACTIVE
LAKE WYLIE	CATAWBA	CW-245	CATAWBA-SANTEE BASIN SITE - ACTIVE
LAKE YONAH	APPALACHIA II	SV-358	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
LAKE YORK	CATAWBA	B-737	BROAD BASIN SITE - INACTIVE
LAKE, BACK RIVER RESERVOIR	TRIDENT	CSTL-124	INTEGRATOR SITE - ACTIVE
LAKE, BOYD MILL POND	APPALACHIA II	S-311	SUMMER ONLY SITE - ACTIVE
LAKE, BROADWAY	APPALACHIA II	SV-258	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
LAKE, BROADWAY	APPALACHIA II	SV-319	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
LAKE, BROADWAY	APPALACHIA II	SV-321	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
LAKE, CEDAR CK RESERVOIR	CATAWBA	CW-033	CATAWBA-SANTEE BASIN SITE - ACTIVE
LAKE, CEDAR CK RESERVOIR	CATAWBA	CW-174	CATAWBA-SANTEE BASIN SITE - ACTIVE
LAKE, CEDAR CK RESERVOIR	CATAWBA	CW-175	CATAWBA-SANTEE BASIN SITE - ACTIVE
LAKE, CEDAR CK RESERVOIR	CATAWBA	RL-07003	RANDOM LAKE SITE 2007 - ACTIVE
LAKE, CHESTER STATE PARK LAKE	CATAWBA	CL-023	BROAD BASIN SITE - INACTIVE
LAKE, CLARKS HILL RESERVOIR	L. SAVANNAH	CL-039	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
LAKE, CLARKS HILL RESERVOIR	L. SAVANNAH	CL-040	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
LAKE, CLARKS HILL RESERVOIR	L. SAVANNAH	CL-041	INTEGRATOR SITE - ACTIVE
LAKE, CLARKS HILL RESERVOIR	L. SAVANNAH	RL-07004	RANDOM LAKE SITE 2007 - ACTIVE
LAKE, CLARKS HILL RESERVOIR	L. SAVANNAH	SV-291	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
LAKE, DUNCAN CK RESERVOIR 6B	APPALACHIA II	B-735	BROAD BASIN SITE - INACTIVE
LAKE, ELIZABETH	CENT MIDLANDS	B-110	BROAD BASIN SITE - INACTIVE
LAKE, EUREKA	CATAWBA	RL-07008	RANDOM LAKE SITE 2007 - ACTIVE
LAKE, EUREKA (JUNIPER)	CATAWBA	CL-088	PEE DEE BASIN SITE - INACTIVE
LAKE, FISHING CK RESERVOIR	CATAWBA	CW-016F	CATAWBA-SANTEE BASIN SITE - ACTIVE
LAKE, FISHING CK RESERVOIR	CATAWBA	CW-057	INTEGRATOR SITE - ACTIVE
LAKE, FLAT ROCK POND	L. SAVANNAH	SV-686	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
LAKE, FOREST	CENT MIDLANDS	C-068	SALUDA-EDISTO BASIN SITE - INACTIVE
LAKE, GOOSE CK RESERVOIR	TRIDENT	RL-07001	RANDOM LAKE SITE 2007 - ACTIVE
LAKE, GOOSE CK RESERVOIR	TRIDENT	RL-07017	RANDOM LAKE SITE 2007 - ACTIVE
LAKE, GOOSE CK RESERVOIR	TRIDENT	ST-032	SPECIAL PURPOSE SITE - ACTIVE
LAKE, GOOSE CK RESERVOIR	TRIDENT	ST-033	CATAWBA-SANTEE BASIN SITE - ACTIVE
LAKE, GRANITEVILLE POND #2	L. SAVANNAH	SV-722	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
LAKE, GREAT FALLS RESERVOIR	CATAWBA	RL-07019	RANDOM LAKE SITE 2007 - ACTIVE
LAKE, KINGSTON	PEE DEE	MD-107	INTEGRATOR SITE - ACTIVE
LAKE, LANGLEY POND	L. SAVANNAH	CL-069	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
LAKE, LANGLEY POND	L. SAVANNAH	RL-07011	RANDOM LAKE SITE 2007 - ACTIVE
LAKE, MONTICELLO	CENT MIDLANDS	B-327	INTEGRATOR SITE - ACTIVE
LAKE, MONTICELLO	CENT MIDLANDS	B-328	BROAD BASIN SITE - INACTIVE
LAKE, N SALUDA RESERVOIR	APPALACHIA II	S-292	SALUDA-EDISTO BASIN SITE - INACTIVE
LAKE, PARR RESERVOIR	CENT MIDLANDS	B-345	INTEGRATOR SITE - ACTIVE
LAKE, PARR RESERVOIR	CENT MIDLANDS	B-346	BROAD BASIN SITE - INACTIVE
LAKE, PRESTWOOD	PEE DEE	PD-081	PEE DEE BASIN SITE - INACTIVE
LAKE, PRESTWOOD	PEE DEE	PD-268	PEE DEE BASIN SITE - INACTIVE
LAKE, SALUDA LAKE	APPALACHIA II	S-250	SALUDA-EDISTO BASIN SITE - INACTIVE

MONITORING SITES BY WATERBODY NAME

WATERBODY	DISTRICT	STATION	STREAM TYPE
LAKE, SALUDA LAKE	APPALACHIA II	S-314	SALUDA-EDISTO BASIN SITE - INACTIVE
LAKE, SPARTANBURG RESERVOIR #1	APPALACHIA II	B-113	BROAD BASIN SITE - INACTIVE
LAKE, STEVENS CK RESERVOIR	L. SAVANNAH	SV-294	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
LAKE, TABLE ROCK RESERVOIR	APPALACHIA II	S-291	SALUDA-EDISTO BASIN SITE - INACTIVE
LAKE, TUGALOO	APPALACHIA II	SV-359	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
LAKE, VAUCLUSE POND	L. SAVANNAH	CL-067	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
LAKE, WINDSOR	CENT MIDLANDS	C-048	SALUDA-EDISTO BASIN SITE - INACTIVE
LANGHAM BRANCH	CATAWBA	RS-07208	RANDOM STREAM SITE 2007 - ACTIVE
LANGSTON CK	APPALACHIA II	S-264	SALUDA-EDISTO BASIN SITE - INACTIVE
LAWSONS FORK CK	APPALACHIA II	B-221	BROAD BASIN SITE - INACTIVE
LAWSONS FORK CK	APPALACHIA II	B-277	BROAD BASIN SITE - INACTIVE
LAWSONS FORK CK	APPALACHIA II	B-278	BROAD BASIN SITE - INACTIVE
LAWSONS FORK CK	APPALACHIA II	BL-001	INTEGRATOR SITE - ACTIVE
LAWSONS FORK CK	APPALACHIA II	BL-005	BROAD BASIN SITE - INACTIVE
LEMON CK	L. SAVANNAH	CSTL-116	INTEGRATOR SITE - ACTIVE
LICK CK	APPALACHIA II	B-038	BROAD BASIN SITE - INACTIVE
LICK CK	CATAWBA	PD-329	PEE DEE BASIN SITE - INACTIVE
LIGHTWOOD KNOT CK	CENT MIDLANDS	E-101	SALUDA-EDISTO BASIN SITE - INACTIVE
LIMESTONE CK	CATAWBA	B-128	BROAD BASIN SITE - INACTIVE
LITTLE BROWNS CK	CATAWBA	RS-07217	RANDOM STREAM SITE 2007 - ACTIVE
LITTLE BUCK CK	APPALACHIA II	B-259	BROAD BASIN SITE - INACTIVE
LITTLE BULL CK	L. SAVANNAH	E-076	SALUDA-EDISTO BASIN SITE - INACTIVE
LITTLE CANE CK	APPALACHIA II	SV-343	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
LITTLE EASTATOE CK	APPALACHIA II	SV-341	SPECIAL PURPOSE SITE - ACTIVE
LITTLE HORSE CK	L. SAVANNAH	SV-073	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
LITTLE LYNCHES RVR	CATAWBA	PD-006	PEE DEE BASIN SITE - INACTIVE
LITTLE LYNCHES RVR	CATAWBA	PD-109	PEE DEE BASIN SITE - INACTIVE
LITTLE LYNCHES RVR	CATAWBA	PD-343	INTEGRATOR SITE - ACTIVE
LITTLE LYNCHES RVR	CATAWBA	PD-344	INTEGRATOR SITE - ACTIVE
LITTLE PAPAS CK	TRIDENT	RT-07048	RANDOM TIDE CREEK SITE 2007 - ACTIVE
LITTLE PEE DEE RVR	PEE DEE	PD-029E	PEE DEE BASIN SITE - INACTIVE
LITTLE PEE DEE RVR	PEE DEE	PD-030A	PEE DEE BASIN SITE - INACTIVE
LITTLE PEE DEE RVR	PEE DEE	PD-042	PEE DEE BASIN SITE - INACTIVE
LITTLE PEE DEE RVR	PEE DEE	PD-052	INTEGRATOR SITE - ACTIVE
LITTLE PEE DEE RVR	PEE DEE	PD-055	SPECIAL PURPOSE SITE - ACTIVE
LITTLE PEE DEE RVR	PEE DEE	PD-069	PEE DEE BASIN SITE - INACTIVE
LITTLE PEE DEE RVR	PEE DEE	PD-189	PEE DEE BASIN SITE - INACTIVE
LITTLE PEE DEE RVR	PEE DEE	PD-348	INTEGRATOR SITE - ACTIVE
LITTLE PEE DEE RVR	PEE DEE	PD-350	INTEGRATOR SITE - ACTIVE
LITTLE PEE DEE RVR	PEE DEE	PD-365	INTEGRATOR SITE - ACTIVE
LITTLE PINE TREE CK	CENT MIDLANDS	CW-223	CATAWBA-SANTEE BASIN SITE - ACTIVE
LITTLE RVR	APPALACHIA II	S-034	SALUDA-EDISTO BASIN SITE - INACTIVE
LITTLE RVR	APPALACHIA II	S-297	SALUDA-EDISTO BASIN SITE - INACTIVE
LITTLE RVR	APPALACHIA II	SV-164	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
LITTLE RVR	APPALACHIA II	SV-203	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
LITTLE RVR	APPALACHIA II	SV-348	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
LITTLE RVR	L. SAVANNAH	SV-192	INTEGRATOR SITE - ACTIVE
LITTLE RVR	PEE DEE	MD-162	PEE DEE BASIN SITE - INACTIVE
LITTLE RVR	PEE DEE	RO-07333	RANDOM OPEN WATER SITE 2007 - ACTIVE
LITTLE RVR	CENT MIDLANDS	B-145	BROAD BASIN SITE - INACTIVE
LITTLE RVR	CENT MIDLANDS	B-350	INTEGRATOR SITE - ACTIVE
LITTLE RVR	CENT MIDLANDS	S-305	INTEGRATOR SITE - ACTIVE
LITTLE SALKEHATCHIE RVR	L. SAVANNAH	CSTL-115	INTEGRATOR SITE - ACTIVE
LITTLE SALKEHATCHIE RVR	L. SAVANNAH	CSTL-117	INTEGRATOR SITE - ACTIVE
LITTLE SALKEHATCHIE RVR	L. SAVANNAH	CSTL-120	INTEGRATOR SITE - ACTIVE
LITTLE SALUDA RVR	L. SAVANNAH	S-050	SALUDA-EDISTO BASIN SITE - INACTIVE
LITTLE SALUDA RVR	L. SAVANNAH	S-123	INTEGRATOR SITE - ACTIVE
LITTLE WATEREE CK	CATAWBA	CW-040	CATAWBA-SANTEE BASIN SITE - ACTIVE
LOG BRIDGE CK	TRIDENT	MD-121	CATAWBA-SANTEE BASIN SITE - ACTIVE
LONG BRANCH	CATAWBA	B-326	BROAD BASIN SITE - INACTIVE
LONG CANE CK	APPALACHIA II	SV-349	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
LONG CANE CK	L. SAVANNAH	SV-318	INTEGRATOR SITE - ACTIVE
LORICK BRANCH	CENT MIDLANDS	S-150	SALUDA-EDISTO BASIN SITE - INACTIVE

MONITORING SITES BY WATERBODY NAME

WATERBODY	DISTRICT	STATION	STREAM TYPE
LOWER THREE RUNS CK	L. SAVANNAH	SV-175	INTEGRATOR SITE - ACTIVE
LOWER THREE RUNS CK	L. SAVANNAH	SV-328	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
LUMBER RVR	PEE DEE	PD-038	INTEGRATOR SITE - ACTIVE
LYNCHES RVR	PEE DEE	PD-041	PEE DEE BASIN SITE - INACTIVE
LYNCHES RVR	PEE DEE	PD-071	PEE DEE BASIN SITE - INACTIVE
LYNCHES RVR	PEE DEE	PD-093	INTEGRATOR SITE - ACTIVE
LYNCHES RVR	PEE DEE	PD-281	INTEGRATOR SITE - ACTIVE
LYNCHES RVR	PEE DEE	PD-319	PEE DEE BASIN SITE - INACTIVE
LYNCHES RVR	PEE DEE	PD-364	SPECIAL PURPOSE SITE - ACTIVE
LYNCHES RVR	CATAWBA	PD-009	INTEGRATOR SITE - ACTIVE
LYNCHES RVR	CATAWBA	PD-066	INTEGRATOR SITE - ACTIVE
LYNCHES RVR	CATAWBA	PD-080	PEE DEE BASIN SITE - INACTIVE
LYNCHES RVR	CATAWBA	PD-113	INTEGRATOR SITE - ACTIVE
MAIN CREEK	PEE DEE	RT-07049	RANDOM TIDE CREEK SITE 2007 - ACTIVE
MAPLE SWAMP	PEE DEE	PD-030	PEE DEE BASIN SITE - INACTIVE
MAY RVR	LOW COUNTRY	MD-016	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
MAY RVR	LOW COUNTRY	MD-173	INTEGRATOR SITE - ACTIVE
MCALPINE CK	CATAWBA	CW-064	SPECIAL PURPOSE SITE - ACTIVE
MCLAURINS MILL POND	PEE DEE	PD-017A	PEE DEE BASIN SITE - INACTIVE
MCTIER CK	L. SAVANNAH	RS-07214	RANDOM STREAM SITE 2007 - ACTIVE
MECHANICSVILLE SWAMP	PEE DEE	PD-356	INTEGRATOR SITE - ACTIVE
MENG CK	CATAWBA	B-064	BROAD BASIN SITE - INACTIVE
MENG CK TRIB	CATAWBA	B-243	BROAD BASIN SITE - INACTIVE
MIDDLE SALUDA RVR	APPALACHIA II	S-077	SALUDA-EDISTO BASIN SITE - INACTIVE
MIDDLE SALUDA RVR	APPALACHIA II	S-252	SALUDA-EDISTO BASIN SITE - INACTIVE
MIDDLE SWAMP	PEE DEE	PD-230	PEE DEE BASIN SITE - INACTIVE
MIDDLE TYGER RVR	APPALACHIA II	B-012	BROAD BASIN SITE - INACTIVE
MIDDLE TYGER RVR	APPALACHIA II	B-014	INTEGRATOR SITE - ACTIVE
MIDDLE TYGER RVR	APPALACHIA II	B-148	BROAD BASIN SITE - INACTIVE
MILL BRANCH	L. SAVANNAH	RS-07213	RANDOM STREAM SITE 2007 - ACTIVE
MILL CK	APPALACHIA II	S-315	SALUDA-EDISTO BASIN SITE - INACTIVE
MILL CK	CENT MIDLANDS	B-338	INTEGRATOR SITE - ACTIVE
MILL CK	CENT MIDLANDS	C-021	SALUDA-EDISTO BASIN SITE - INACTIVE
MINIM CK	PEE DEE	RT-07065	RANDOM TIDE CREEK SITE 2007 - ACTIVE
MITCHELL CK	CATAWBA	B-199	BROAD BASIN SITE - INACTIVE
MOUNTAIN CK	APPALACHIA II	B-186	BROAD BASIN SITE - INACTIVE
MUSH CK	APPALACHIA II	B-317	BROAD BASIN SITE - INACTIVE
N BRANCH WILDCAT CK	CATAWBA	PD-179	PEE DEE BASIN SITE - INACTIVE
N FORK EDISTO RVR	L. SAVANNAH	E-007	SALUDA-EDISTO BASIN SITE - INACTIVE
N FORK EDISTO RVR	L. SAVANNAH	E-007A	SALUDA-EDISTO BASIN SITE - INACTIVE
N FORK EDISTO RVR	L. SAVANNAH	E-007B	SALUDA-EDISTO BASIN SITE - INACTIVE
N FORK EDISTO RVR	L. SAVANNAH	E-007C	SALUDA-EDISTO BASIN SITE - INACTIVE
N FORK EDISTO RVR	L. SAVANNAH	E-008	SALUDA-EDISTO BASIN SITE - INACTIVE
N FORK EDISTO RVR	L. SAVANNAH	E-008A	INTEGRATOR SITE - ACTIVE
N FORK EDISTO RVR	L. SAVANNAH	E-084	INTEGRATOR SITE - ACTIVE
N FORK EDISTO RVR	L. SAVANNAH	E-092	SALUDA-EDISTO BASIN SITE - INACTIVE
N FORK EDISTO RVR	L. SAVANNAH	E-099	INTEGRATOR SITE - ACTIVE
N FORK EDISTO RVR	L. SAVANNAH	E-102	INTEGRATOR SITE - ACTIVE
N FORK EDISTO RVR	L. SAVANNAH	E-104	INTEGRATOR SITE - ACTIVE
N PACOLET RVR	APPALACHIA II	B-026	BROAD BASIN SITE - INACTIVE
N PACOLET RVR	APPALACHIA II	B-126	INTEGRATOR SITE - ACTIVE
N RABON CK	APPALACHIA II	S-321	SALUDA-EDISTO BASIN SITE - INACTIVE
N SALUDA RVR	APPALACHIA II	S-004	INTEGRATOR SITE - ACTIVE
N SALUDA RVR	APPALACHIA II	S-088	SALUDA-EDISTO BASIN SITE - INACTIVE
N SANTEE RVR	TRIDENT	ST-005	CATAWBA-SANTEE BASIN SITE - ACTIVE
N TYGER RVR	APPALACHIA II	B-018A	INTEGRATOR SITE - ACTIVE
N TYGER RVR	APPALACHIA II	B-219	INTEGRATOR SITE - ACTIVE
NASTY BRANCH	PEE DEE	PD-239	PEE DEE BASIN SITE - INACTIVE
NEELYS CK	CATAWBA	CW-227	CATAWBA-SANTEE BASIN SITE - ACTIVE
NEW RVR	LOW COUNTRY	MD-118	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
NEW RVR	LOW COUNTRY	MD-258	INTEGRATOR SITE - ACTIVE
NEWMAN SWAMP	PEE DEE	PD-229	PEE DEE BASIN SITE - INACTIVE
NINETY SIX CK	L. SAVANNAH	S-093	INTEGRATOR SITE - ACTIVE

MONITORING SITES BY WATERBODY NAME

WATERBODY	DISTRICT	STATION	STREAM TYPE
NORRIS CK	APPALACHIA II	SV-301	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
NORTH CK	APPALACHIA II	S-135	SALUDA-EDISTO BASIN SITE - INACTIVE
NORTH EDISTO RVR	TRIDENT	MD-211	SALUDA-EDISTO BASIN SITE - INACTIVE
NORTH EDISTO RVR	TRIDENT	MD-262	INTEGRATOR SITE - ACTIVE
NORTH FORK	APPALACHIA II	SV-206	SEDIMENT ONLY SITE - ACTIVE
OOLENOY RVR	APPALACHIA II	S-103	INTEGRATOR SITE - ACTIVE
PACOLET RVR	APPALACHIA II	B-028	BROAD BASIN SITE - INACTIVE
PACOLET RVR	APPALACHIA II	B-163A	BROAD BASIN SITE - INACTIVE
PACOLET RVR	APPALACHIA II	B-331	INTEGRATOR SITE - ACTIVE
PACOLET RVR	APPALACHIA II	BP-001	BROAD BASIN SITE - INACTIVE
PACOLET RVR	CATAWBA	B-048	INTEGRATOR SITE - ACTIVE
PAGE CK	APPALACHIA II	B-301	BROAD BASIN SITE - INACTIVE
PANTHER CK	PEE DEE	PD-016	PEE DEE BASIN SITE - INACTIVE
PANTHER CK	PEE DEE	PD-306	PEE DEE BASIN SITE - INACTIVE
PARSONNAGE CK	PEE DEE	MD-277	INTEGRATOR SITE - ACTIVE
PEE DEE RVR	PEE DEE	MD-275	INTEGRATOR SITE - ACTIVE
PEE DEE RVR	PEE DEE	PD-015	PEE DEE BASIN SITE - INACTIVE
PEE DEE RVR	PEE DEE	PD-028	INTEGRATOR SITE - ACTIVE
PEE DEE RVR	PEE DEE	PD-060	INTEGRATOR SITE - ACTIVE
PEE DEE RVR	PEE DEE	PD-061	PEE DEE BASIN SITE - INACTIVE
PEE DEE RVR	PEE DEE	PD-076	INTEGRATOR SITE - ACTIVE
PEE DEE RVR	PEE DEE	PD-337	INTEGRATOR SITE - ACTIVE
PEE DEE RVR	CATAWBA	PD-012	INTEGRATOR SITE - ACTIVE
PEOPLES CK	CATAWBA	B-100	BROAD BASIN SITE - INACTIVE
PEOPLES CK	CATAWBA	B-211	BROAD BASIN SITE - INACTIVE
PIPE	PEE DEE	PD-141	PEE DEE BASIN SITE - INACTIVE
POCOTALIGO RVR	PEE DEE	PD-043	INTEGRATOR SITE - ACTIVE
POCOTALIGO RVR	PEE DEE	PD-091	INTEGRATOR SITE - ACTIVE
POCOTALIGO RVR	PEE DEE	PD-115	PEE DEE BASIN SITE - INACTIVE
POCOTALIGO RVR	PEE DEE	PD-202	PEE DEE BASIN SITE - INACTIVE
POCOTALIGO RVR	LOW COUNTRY	MD-007	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
POLK SWAMP	TRIDENT	E-016	SALUDA-EDISTO BASIN SITE - INACTIVE
POLK SWAMP	TRIDENT	E-109	INTEGRATOR SITE - ACTIVE
POLK SWAMP	PEE DEE	RS-07205	RANDOM STREAM SITE 2007 - ACTIVE
PORT ROYAL SOUND	LOW COUNTRY	MD-006	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
POTATO CK	CENT MIDLANDS	ST-035	INTEGRATOR SITE - ACTIVE
POTTER BRANCH	APPALACHIA II	B-191	BROAD BASIN SITE - INACTIVE
PRINCESS CK	APPALACHIA II	B-192	BROAD BASIN SITE - INACTIVE
PROVIDENCE SWAMP	L. SAVANNAH	E-051	INTEGRATOR SITE - ACTIVE
PUDDING SWAMP	PEE DEE	PD-203	INTEGRATOR SITE - ACTIVE
RABON CK	APPALACHIA II	S-096	INTEGRATOR SITE - ACTIVE
RAWLS CK	CENT MIDLANDS	S-287	SALUDA-EDISTO BASIN SITE - INACTIVE
RED BANK CK	CENT MIDLANDS	C-066	SALUDA-EDISTO BASIN SITE - INACTIVE
RED BANK CK	CENT MIDLANDS	C-067	SALUDA-EDISTO BASIN SITE - INACTIVE
REDIVERSION CANAL	TRIDENT	ST-031	INTEGRATOR SITE - ACTIVE
REEDER POINT BRANCH	CENT MIDLANDS	C-073	SALUDA-EDISTO BASIN SITE - INACTIVE
REEDY RVR	APPALACHIA II	S-013	SPECIAL PURPOSE SITE - ACTIVE
REEDY RVR	APPALACHIA II	S-021	INTEGRATOR SITE - ACTIVE
REEDY RVR	APPALACHIA II	S-070	SALUDA-EDISTO BASIN SITE - INACTIVE
REEDY RVR	APPALACHIA II	S-072	INTEGRATOR SITE - ACTIVE
REEDY RVR	APPALACHIA II	S-073	SALUDA-EDISTO BASIN SITE - INACTIVE
REEDY RVR	APPALACHIA II	S-319	SALUDA-EDISTO BASIN SITE - INACTIVE
REEDY RVR	APPALACHIA II	S-323	SPECIAL PURPOSE SITE - ACTIVE
ROBERTS SWAMP	L. SAVANNAH	E-039	INTEGRATOR SITE - ACTIVE
ROCKY BLUFF SWAMP	PEE DEE	PD-201	INTEGRATOR SITE - ACTIVE
ROCKY BLUFF SWAMP	PEE DEE	PD-357	INTEGRATOR SITE - ACTIVE
ROCKY CK	APPALACHIA II	BE-007	BROAD BASIN SITE - INACTIVE
ROCKY CK	APPALACHIA II	S-091	SALUDA-EDISTO BASIN SITE - INACTIVE
ROCKY CK	CATAWBA	CW-002	CATAWBA-SANTEE BASIN SITE - ACTIVE
ROCKY CK	CATAWBA	CW-236	INTEGRATOR SITE - ACTIVE
ROCKY RVR	APPALACHIA II	SV-031	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
ROCKY RVR	APPALACHIA II	SV-041	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
ROCKY RVR	APPALACHIA II	SV-346	INTEGRATOR SITE - ACTIVE

MONITORING SITES BY WATERBODY NAME

WATERBODY	DISTRICT	STATION	STREAM TYPE
ROGERS CK	PEE DEE	RS-07201	RANDOM STREAM SITE 2007 - ACTIVE
ROSS BRANCH	CATAWBA	B-086	BROAD BASIN SITE - INACTIVE
RUM CK	CATAWBA	CW-232	CATAWBA-SANTEE BASIN SITE - ACTIVE
S BRANCH WILDCAT CK	CATAWBA	PD-180	PEE DEE BASIN SITE - INACTIVE
S FORK EDISTO RVR	L. SAVANNAH	E-002	SALUDA-EDISTO BASIN SITE - INACTIVE
S FORK EDISTO RVR	L. SAVANNAH	E-011	INTEGRATOR SITE - ACTIVE
S FORK EDISTO RVR	L. SAVANNAH	E-012	INTEGRATOR SITE - ACTIVE
S FORK EDISTO RVR	L. SAVANNAH	E-090	SALUDA-EDISTO BASIN SITE - INACTIVE
S FORK EDISTO RVR	L. SAVANNAH	E-113	INTEGRATOR SITE - ACTIVE
S PACOLET RVR	APPALACHIA II	B-302	INTEGRATOR SITE - ACTIVE
S RABON CK	APPALACHIA II	S-322	SALUDA-EDISTO BASIN SITE - INACTIVE
S SALUDA RVR	APPALACHIA II	S-087	SALUDA-EDISTO BASIN SITE - INACTIVE
S SALUDA RVR	APPALACHIA II	S-299	INTEGRATOR SITE - ACTIVE
S SALUDA RVR	APPALACHIA II	S-320	SALUDA-EDISTO BASIN SITE - INACTIVE
S SANTEE RVR	TRIDENT	ST-006	INTEGRATOR SITE - ACTIVE
S TYGER RVR	APPALACHIA II	B-005	SPECIAL PURPOSE SITE - ACTIVE
S TYGER RVR	APPALACHIA II	B-149	BROAD BASIN SITE - INACTIVE
S TYGER RVR	APPALACHIA II	B-263	BROAD BASIN SITE - INACTIVE
S TYGER RVR	APPALACHIA II	B-332	INTEGRATOR SITE - ACTIVE
SALKEHATCHIE RVR	L. SAVANNAH	CSTL-003	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
SALKEHATCHIE RVR	L. SAVANNAH	CSTL-006	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
SALKEHATCHIE RVR	L. SAVANNAH	CSTL-028	INTEGRATOR SITE - ACTIVE
SALKEHATCHIE RVR	L. SAVANNAH	CSTL-048	INTEGRATOR SITE - ACTIVE
SALKEHATCHIE RVR	L. SAVANNAH	CSTL-104	INTEGRATOR SITE - ACTIVE
SALUDA RVR	APPALACHIA II	S-007	SALUDA-EDISTO BASIN SITE - INACTIVE
SALUDA RVR	APPALACHIA II	S-119	INTEGRATOR SITE - ACTIVE
SALUDA RVR	APPALACHIA II	S-125	INTEGRATOR SITE - ACTIVE
SALUDA RVR	L. SAVANNAH	S-186	SALUDA-EDISTO BASIN SITE - INACTIVE
SALUDA RVR	L. SAVANNAH	S-295	SALUDA-EDISTO BASIN SITE - INACTIVE
SALUDA RVR	CENT MIDLANDS	S-047	INTEGRATOR SITE - ACTIVE
SALUDA RVR	CENT MIDLANDS	S-149	SALUDA-EDISTO BASIN SITE - INACTIVE
SALUDA RVR	CENT MIDLANDS	S-152	SALUDA-EDISTO BASIN SITE - INACTIVE
SALUDA RVR	CENT MIDLANDS	S-298	INTEGRATOR SITE - ACTIVE
SALUDA RVR TRIB	APPALACHIA II	S-267	SALUDA-EDISTO BASIN SITE - INACTIVE
SAMPIT RVR	PEE DEE	MD-073	PEE DEE BASIN SITE - INACTIVE
SAMPIT RVR	PEE DEE	MD-074	PEE DEE BASIN SITE - INACTIVE
SAMPIT RVR	PEE DEE	MD-075	PEE DEE BASIN SITE - INACTIVE
SAMPIT RVR	PEE DEE	MD-077	INTEGRATOR SITE - ACTIVE
SAND RVR	L. SAVANNAH	SV-069	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
SANDERS BRANCH	LOW COUNTRY	CSTL-010	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
SANDERS BRANCH	LOW COUNTRY	CSTL-011	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
SANDERS BRANCH	LOW COUNTRY	CSTL-108	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
SANDY RUN	CENT MIDLANDS	C-009	INTEGRATOR SITE - ACTIVE
SANDY RVR	CATAWBA	B-075	INTEGRATOR SITE - ACTIVE
SANTEE BAY	PEE DEE	MD-263	INTEGRATOR SITE - ACTIVE
SANTEE RVR	TRIDENT	ST-001	INTEGRATOR SITE - ACTIVE
SANTEE RVR	TRIDENT	ST-016	INTEGRATOR SITE - ACTIVE
SAVANA BRANCH	CENT MIDLANDS	C-061	SALUDA-EDISTO BASIN SITE - INACTIVE
SAVANNAH RVR	L. SAVANNAH	SV-118	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
SAVANNAH RVR	L. SAVANNAH	SV-251	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
SAVANNAH RVR	L. SAVANNAH	SV-252	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
SAVANNAH RVR	L. SAVANNAH	SV-323	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
SAVANNAH RVR	L. SAVANNAH	SV-366	INTEGRATOR SITE - ACTIVE
SAVANNAH RVR	L. SAVANNAH	SV-367	INTEGRATOR SITE - ACTIVE
SAVANNAH RVR	L. SAVANNAH	SV-368	INTEGRATOR SITE - ACTIVE
SAVANNAH RVR	LOW COUNTRY	SV-191	INTEGRATOR SITE - ACTIVE
SAVANNAH RVR	LOW COUNTRY	SV-355	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
SAVANNAH RVR	LOW COUNTRY	SV-370	INTEGRATOR SITE - ACTIVE
SAWMILL BRANCH	TRIDENT	CSTL-043	CATAWBA-SANTEE BASIN SITE - ACTIVE
SAWNEY CK	APPALACHIA II	SV-052	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
SAWNEYS CK	CENT MIDLANDS	CW-079	INTEGRATOR SITE - ACTIVE
SAWNEYS CK	CENT MIDLANDS	CW-228	CATAWBA-SANTEE BASIN SITE - ACTIVE
SCAPE ORE SWAMP	PEE DEE	PD-355	INTEGRATOR SITE - ACTIVE

MONITORING SITES BY WATERBODY NAME

WATERBODY	DISTRICT	STATION	STREAM TYPE
SCOTT CK	CENT MIDLANDS	S-044	SALUDA-EDISTO BASIN SITE - INACTIVE
SEWEE BAY	TRIDENT	MD-269	INTEGRATOR SITE - ACTIVE
SHAW CK	L. SAVANNAH	E-094	SALUDA-EDISTO BASIN SITE - INACTIVE
SHAW CK	L. SAVANNAH	E-106	INTEGRATOR SITE - ACTIVE
SHEM CK	TRIDENT	MD-071	SPECIAL PURPOSE SITE - ACTIVE
SHIPYARD CK	TRIDENT	MD-243	CATAWBA-SANTEE BASIN SITE - ACTIVE
SIMPSON CK	PEE DEE	PD-363	INTEGRATOR SITE - ACTIVE
SINGLETON SWAMP	PEE DEE	PD-314	INTEGRATOR SITE - ACTIVE
SIX & TWENTY CK	APPALACHIA II	SV-181	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
SIXMILE CK	APPALACHIA II	SV-205	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
SIXMILE CK	CENT MIDLANDS	C-005	SALUDA-EDISTO BASIN SITE - INACTIVE
SIXMILE CK	CENT MIDLANDS	C-025	SALUDA-EDISTO BASIN SITE - INACTIVE
SIXMILE CK	CATAWBA	CW-176	CATAWBA-SANTEE BASIN SITE - ACTIVE
SKULL CK	LOW COUNTRY	MD-013	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
SKULL CK	LOW COUNTRY	RO-07329	RANDOM OPEN WATER SITE 2007 - ACTIVE
SMITH BRANCH	CENT MIDLANDS	B-280	BROAD BASIN SITE - INACTIVE
SMITH SWAMP	PEE DEE	PD-187	PEE DEE BASIN SITE - INACTIVE
SMITH SWAMP	PEE DEE	PD-320	PEE DEE BASIN SITE - INACTIVE
SNAKE BRANCH	PEE DEE	PD-137	PEE DEE BASIN SITE - INACTIVE
SNAKE BRANCH	PEE DEE	PD-258	PEE DEE BASIN SITE - INACTIVE
SOUTH EDISTO RVR	TRIDENT	RO-07339	RANDOM OPEN WATER SITE 2007 - ACTIVE
SOUTH EDISTO RVR	LOW COUNTRY	MD-244	SALUDA-EDISTO BASIN SITE - INACTIVE
SOUTH EDISTO RVR	LOW COUNTRY	MD-260	INTEGRATOR SITE - ACTIVE
SOUTH FORK CROWDERS CK	CATAWBA	CW-192	CATAWBA-SANTEE BASIN SITE - ACTIVE
SOUTH WIMBEE CREEK	LOW COUNTRY	RT-07062	RANDOM TIDE CREEK SITE 2007 - ACTIVE
SPARROW SWAMP	PEE DEE	PD-072	PEE DEE BASIN SITE - INACTIVE
SPARROW SWAMP	PEE DEE	PD-332	INTEGRATOR SITE - ACTIVE
SPEARS CK	CENT MIDLANDS	CW-155	CATAWBA-SANTEE BASIN SITE - ACTIVE
SPEARS CK	CENT MIDLANDS	CW-166	INTEGRATOR SITE - ACTIVE
SPIVEY CK	APPALACHIA II	B-103	BROAD BASIN SITE - INACTIVE
STALEY BRANCH	L. SAVANNAH	RS-07206	RANDOM STREAM SITE 2007 - ACTIVE
STEEL CK	L. SAVANNAH	SV-327	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
STEELE CK	CATAWBA	CW-009	CATAWBA-SANTEE BASIN SITE - ACTIVE
STEELE CK	CATAWBA	CW-011	CATAWBA-SANTEE BASIN SITE - ACTIVE
STEELE CK	CATAWBA	CW-203	CATAWBA-SANTEE BASIN SITE - ACTIVE
STEVENS CK	L. SAVANNAH	SV-330	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
STEVENS CK	L. SAVANNAH	SV-354	INTEGRATOR SITE - ACTIVE
STEVENS CK	L. SAVANNAH	SV-365	INTEGRATOR SITE - ACTIVE
STONO RVR	TRIDENT	MD-026	CATAWBA-SANTEE BASIN SITE - ACTIVE
STONO RVR	TRIDENT	MD-202	INTEGRATOR SITE - ACTIVE
STONO RVR	TRIDENT	MD-206	INTEGRATOR SITE - ACTIVE
STONO RVR	TRIDENT	MD-208	CATAWBA-SANTEE BASIN SITE - ACTIVE
STONO RVR	TRIDENT	RO-07331	RANDOM OPEN WATER SITE 2007 - ACTIVE
SUCK CK	CATAWBA	RS-07038	RANDOM STREAM SITE 2007 - ACTIVE
SUGAR CK	CATAWBA	CW-013	CATAWBA-SANTEE BASIN SITE - ACTIVE
SUGAR CK	CATAWBA	CW-036	INTEGRATOR SITE - ACTIVE
SWIFT CK	CENT MIDLANDS	CW-082	INTEGRATOR SITE - ACTIVE
TAIL RACE CANAL BELOW LAKE MOULTR	SANTEE COOPER	CSTL-062	INTEGRATOR SITE - ACTIVE
TAWCAW CK	CENT MIDLANDS	ST-018	INTEGRATOR SITE - ACTIVE
THICKETTY CK	CATAWBA	B-062	INTEGRATOR SITE - ACTIVE
THICKETTY CK	CATAWBA	B-095	BROAD BASIN SITE - INACTIVE
THICKETTY CK	CATAWBA	B-133	BROAD BASIN SITE - INACTIVE
THOMPSON CK	CATAWBA	PD-246	PEE DEE BASIN SITE - INACTIVE
THOMPSON CK	CATAWBA	PD-247	PEE DEE BASIN SITE - INACTIVE
THOMPSON CK	CATAWBA	PD-338	INTEGRATOR SITE - ACTIVE
THREE & TWENTY CK	APPALACHIA II	SV-111	INTEGRATOR SITE - ACTIVE
THREE CKS	PEE DEE	PD-341	PEE DEE BASIN SITE - INACTIVE
THREE CKS	PEE DEE	PD-367	INTEGRATOR SITE - ACTIVE
TIMS BRANCH	L. SAVANNAH	SV-324	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
TINKER CK	CATAWBA	B-286	BROAD BASIN SITE - INACTIVE
TINKER CK	CATAWBA	B-287	BROAD BASIN SITE - INACTIVE
TINKER CK	CATAWBA	B-336	BROAD BASIN SITE - INACTIVE
TINKERS CK	CATAWBA	CW-234	INTEGRATOR SITE - ACTIVE

MONITORING SITES BY WATERBODY NAME

WATERBODY	DISTRICT	STATION	STREAM TYPE
TODDS BRANCH	CATAWBA	PD-005	PEE DEE BASIN SITE - INACTIVE
TOMS CK	CENT MIDLANDS	C-072	INTEGRATOR SITE - ACTIVE
TOOLS FORK	CATAWBA	CW-212	CATAWBA-SANTEE BASIN SITE - ACTIVE
TOSCHS CK	CATAWBA	B-067A	BROAD BASIN SITE - INACTIVE
TOSCHS CK	CATAWBA	B-067B	BROAD BASIN SITE - INACTIVE
TOWN CK, COOPER RVR	TRIDENT	MD-047	CATAWBA-SANTEE BASIN SITE - ACTIVE
TRANHAM CK	CATAWBA	RS-07059	RANDOM STREAM SITE 2007 - ACTIVE
TURKEY CK	L. SAVANNAH	CSTL-001B	INTEGRATOR SITE - ACTIVE
TURKEY CK	L. SAVANNAH	SV-352	INTEGRATOR SITE - ACTIVE
TURKEY CK	PEE DEE	MD-076N	PEE DEE BASIN SITE - INACTIVE
TURKEY CK	PEE DEE	PD-040	PEE DEE BASIN SITE - INACTIVE
TURKEY CK	PEE DEE	PD-098	PEE DEE BASIN SITE - INACTIVE
TURKEY CK	CATAWBA	B-136	INTEGRATOR SITE - ACTIVE
TWELVE MILE CK	APPALACHIA II	SV-015	SEDIMENT ONLY SITE - ACTIVE
TWELVE MILE CK	APPALACHIA II	SV-137	INTEGRATOR SITE - ACTIVE
TWELVE MILE CK	APPALACHIA II	SV-282	SEDIMENT ONLY SITE - ACTIVE
TWELVE MILE CK	APPALACHIA II	SV-362	INTEGRATOR SITE - ACTIVE
TWELVEMILE CK	CENT MIDLANDS	S-294	SALUDA-EDISTO BASIN SITE - INACTIVE
TWELVEMILE CK	CATAWBA	CW-083	INTEGRATOR SITE - ACTIVE
TWENTYFIVE MILE CK	CENT MIDLANDS	CW-080	INTEGRATOR SITE - ACTIVE
TYGER RVR	APPALACHIA II	B-008	BROAD BASIN SITE - INACTIVE
TYGER RVR	CENT MIDLANDS	B-349	INTEGRATOR SITE - ACTIVE
TYGER RVR	CATAWBA	B-051	BROAD BASIN SITE - INACTIVE
UNNAMED	APPALACHIA II	SV-136	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
UNNAMED CK	LOW COUNTRY	MD-256	INTEGRATOR SITE - ACTIVE
UNNAMED DRAINAGE CANAL	PEE DEE	PD-354	INTEGRATOR SITE - ACTIVE
UNNAMED TRIB	APPALACHIA II	RS-07056	RANDOM STREAM SITE 2007 - ACTIVE
UNNAMED TRIB	L. SAVANNAH	RS-07052	RANDOM STREAM SITE 2007 - ACTIVE
UNNAMED TRIB	LOW COUNTRY	RS-07044	RANDOM STREAM SITE 2007 - ACTIVE
UNNAMED TRIB TO BAILEY CK	TRIDENT	RT-07039	RANDOM TIDE CREEK SITE 2007 - ACTIVE
UNNAMED TRIB TO CHECHESSEE CREEK	LOW COUNTRY	RT-07057	RANDOM TIDE CREEK SITE 2007 - ACTIVE
UNNAMED TRIB TO COOSAWHATCHIE RV	LOW COUNTRY	RT-07038	RANDOM TIDE CREEK SITE 2007 - ACTIVE
UNNAMED TRIBUTARY TO WRIGHT RIVEF	LOW COUNTRY	RT-07053	RANDOM TIDE CREEK SITE 2007 - ACTIVE
UPPER THREE RUNS	L. SAVANNAH	SV-325	INTEGRATOR SITE - ACTIVE
VENNING CREEK	TRIDENT	RT-07060	RANDOM TIDE CREEK SITE 2007 - ACTIVE
WACCAMAW RVR	PEE DEE	MD-110	PEE DEE BASIN SITE - INACTIVE
WACCAMAW RVR	PEE DEE	MD-111	PEE DEE BASIN SITE - INACTIVE
WACCAMAW RVR	PEE DEE	MD-124	INTEGRATOR SITE - ACTIVE
WACCAMAW RVR	PEE DEE	MD-136	PEE DEE BASIN SITE - INACTIVE
WACCAMAW RVR	PEE DEE	MD-137	PEE DEE BASIN SITE - INACTIVE
WACCAMAW RVR	PEE DEE	MD-138	SPECIAL PURPOSE SITE - ACTIVE
WACCAMAW RVR	PEE DEE	MD-142	INTEGRATOR SITE - ACTIVE
WACCAMAW RVR	PEE DEE	MD-145	SPECIAL PURPOSE SITE - ACTIVE
WACCAMAW RVR	PEE DEE	PD-369	INTEGRATOR SITE - ACTIVE
WACCAMAW RVR, ICWW	PEE DEE	MD-146	PEE DEE BASIN SITE - INACTIVE
WADBOO SWAMP	TRIDENT	CSTL-113	INTEGRATOR SITE - ACTIVE
WALKER SWAMP	TRIDENT	ST-007	CATAWBA-SANTEE BASIN SITE - ACTIVE
WAMBAW CK	TRIDENT	CSTL-112	INTEGRATOR SITE - ACTIVE
WANDO RVR	TRIDENT	MD-115	INTEGRATOR SITE - ACTIVE
WANDO RVR	TRIDENT	MD-198	CATAWBA-SANTEE BASIN SITE - ACTIVE
WANDO RVR	TRIDENT	MD-264	INTEGRATOR SITE - ACTIVE
WAPPOO CK	TRIDENT	MD-020	CATAWBA-SANTEE BASIN SITE - ACTIVE
WARRIOR CK	APPALACHIA II	B-150	INTEGRATOR SITE - ACTIVE
WASSAMASSAW SWAMP	TRIDENT	CSTL-063	CATAWBA-SANTEE BASIN SITE - ACTIVE
WATEREE RVR	CENT MIDLANDS	CW-019	CATAWBA-SANTEE BASIN SITE - ACTIVE
WATEREE RVR	CENT MIDLANDS	CW-206	SPECIAL PURPOSE SITE - ACTIVE
WATEREE RVR	CENT MIDLANDS	CW-222	INTEGRATOR SITE - ACTIVE
WAXHAW CK	CATAWBA	CW-145	INTEGRATOR SITE - ACTIVE
WESTFIELD CK	CATAWBA	PD-339	INTEGRATOR SITE - ACTIVE
WHALE BRANCH	LOW COUNTRY	MD-194	SEDIMENT ONLY SITE - ACTIVE
WHIPPY SWAMP	L. SAVANNAH	CSTL-076	INTEGRATOR SITE - ACTIVE
WHITE OAK CK	PEE DEE	PD-037	PEE DEE BASIN SITE - INACTIVE
WHITES CK	PEE DEE	MD-149	PEE DEE BASIN SITE - INACTIVE

MONITORING SITES BY WATERBODY NAME

WATERBODY	DISTRICT	STATION	STREAM TYPE
WHITES CK	CATAWBA	PD-191	INTEGRATOR SITE - ACTIVE
WILDCAT CK	CATAWBA	CW-006	CATAWBA-SANTEE BASIN SITE - ACTIVE
WILDCAT CK	CATAWBA	CW-096	CATAWBA-SANTEE BASIN SITE - ACTIVE
WILLOW CK	PEE DEE	PD-167	PEE DEE BASIN SITE - INACTIVE
WILLOW SWAMP	L. SAVANNAH	CSTL-118	INTEGRATOR SITE - ACTIVE
WILSON CK	APPALACHIA II	SV-347	INTEGRATOR SITE - ACTIVE
WILSON CK	L. SAVANNAH	RS-07046	RANDOM STREAM SITE 2007 - ACTIVE
WILSON CK	L. SAVANNAH	S-233	SALUDA-EDISTO BASIN SITE - INACTIVE
WILSON CK	L. SAVANNAH	S-235	SALUDA-EDISTO BASIN SITE - INACTIVE
WIMBEE CREEK	LOW COUNTRY	RO-07330	RANDOM OPEN WATER SITE 2007 - ACTIVE
WINNSBORO BRANCH	CENT MIDLANDS	B-077	BROAD BASIN SITE - INACTIVE
WINNSBORO BRANCH	CENT MIDLANDS	B-123	BROAD BASIN SITE - INACTIVE
WINYAH BAY	PEE DEE	MD-080	PEE DEE BASIN SITE - INACTIVE
WINYAH BAY	PEE DEE	MD-278	INTEGRATOR SITE - ACTIVE
WINYAH BAY	PEE DEE	RO-07332	RANDOM OPEN WATER SITE 2007 - ACTIVE
WOODSIDE BRANCH	APPALACHIA II	SV-241	SAVANNAH-SALKEHATCHIE BASIN SITE - INACTIVE
WRIGHT RVR	LOW COUNTRY	MD-259	INTEGRATOR SITE - ACTIVE
YONGES ISL CK	TRIDENT	MD-261	INTEGRATOR SITE - ACTIVE

C. Ambient Surface Water Quality Monitoring Sites Listed by Regions

Showing Individual Parameter Coverage

Key to Abbreviations

Column Headings

STATION NUMBER = Station Identification Number
TEMP = Water & Air Temperature
DO = Dissolved Oxygen
pH = pH
PRFL = Profiling of field parameters
COND = Specific Conductance (Conductivity)
SALT = Salinity
TURB = Turbidity
BOD_5 = Five-Day Biochemical Oxygen Demand
NH_3 NH_4 = Ammonia Nitrogen
NO_2 NO_3 = Nitrite & Nitrate Nitrogen
TKN = Total Kjeldahl Nitrogen
TP = Total Phosphorus as Phosphate
FECAL COLI = Fecal Coliform Bacteria
ENTERO = Enterococcus Bacteria
TOC = Total Organic Carbon
ALKL = Alkalinity
TSS = Total Suspended Solids
TRANS = Transparency (Secchi Depth)
HARD = Hardness
METALS = Select Heavy Metals (see Appendix D for list)
MERC = Mercury
CHL-A = Chlorophyll-a
TIDE STAGE = Tide Stage
SECH = Transparency (Secchi depth)
SED BASIC = Sediment, Routine parameters and Pesticide & PCB scan (see Appendix D for details)
SED ORG = Sediment Base-Neutral/Acid Extractable and Volatile Organics (see Appendix D for details)

Sampling Frequency (See text, Schedule for the Ambient Surface Water Quality Monitoring Program by Laboratory District, for details)

M = Monthly (for Chlorophyll-a monthly May through October only)
Q = Quarterly
A = Annually

SAMPLE STATIONS FOR CALENDAR YEAR 2007: APPALACHIA II

STATION NUMBER	TEMP	DO	pH	PRFL	TIDE STAGE	COND	SALT	TURB	BOD5	NH3 NH4	NO2 NO3	TKN	TP	FECAL COLI	ENTRO	TOC	ALKL	TSS	HARD	METALS	MERC	CHL-A	SECH	SED BASIC	SED ORG
B-005	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
B-014	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
B-018A	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
B-040	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
B-126	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
B-150	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
B-219	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
B-246	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
B-302	M	M	M					M	M	M	M	M	M	M		Q	M	M	A	Q	Q			A	
B-331	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
B-332	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
B-339	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M		
BE-017	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
BL-001	M	M	M					M	M	M	M	M	M	M		Q	M	M	A	Q	Q			A	A
CL-019	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M		
CL-033	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M	A	
RL-07009	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M		A	
RL-07012	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M		A	
RL-07013	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M		A	
RL-07015	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M		A	
RL-07016	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M		A	
RL-07020	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M		A	
RL-07021	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M		A	
RL-07024	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M		A	
RL-07025	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M		A	
RL-07028	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M		A	
RL-07029	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M		A	
RL-07031	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M		A	
RL-07032	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M		A	
RS-07048	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
RS-07056	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
RS-07215	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
RS-07220	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
RS-07222	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
S-004	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
S-013	M	M	M					M	M	M	M	M	M	M		Q	M	M	A	Q	Q				
S-021	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
S-024	M	M	M	M				M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M		
S-072	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
S-096	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
S-103	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
S-119	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
S-125	M	M	M					M	M	M	M	M	M	M		Q	M	M	A	Q	Q			A	A

SAMPLE STATIONS FOR CALENDAR YEAR 2007: APPALACHIA II

STATION NUMBER	TEMP	DO	pH	PRFL	TIDE STAGE	COND	SALT	TURB	BOD5	NH3 NH4	NO2 NO3	TKN	TP	FECAL COLI	ENTRO	TOC	ALKL	TSS	HARD	METALS	MERC	CHL-A	SECH	SED BASIC	SED ORG
S-178	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
S-296	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M	A	
S-299	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
S-300	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
S-301	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
S-302	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
S-303	M	M	M	M				M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M		
S-304	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
S-308	M	M	M	M				M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M		
S-311	M	M	M	M				M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M		
S-323	M	M	M					M	M	M	M	M	M	M		Q	M	M	A	Q	Q			A	A
SV-004	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
SV-015																								A	A
SV-098	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M	A	
SV-107																								A	A
SV-111	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
SV-137	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
SV-200	M	M	M	M				M	M	M	M	M	M	M		Q	M		A	Q	Q	M			
SV-206																								A	A
SV-227	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
SV-230	M	M	M					M	M	M	M	M	M	M		Q	M	M	A	Q	Q				
SV-233	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
SV-268	M	M	M	M				M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M	A	
SV-282																								A	A
SV-331	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M	A	A
SV-332	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M	A	A
SV-335	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M		
SV-336	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M		
SV-338	M	M	M	M				M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M		
SV-339	M	M	M	M				M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M		
SV-340	M	M	M	M				M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M		
SV-341	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
SV-342	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
SV-344	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
SV-346	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	A
SV-347	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
SV-361	M	M	M	M				M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M		
SV-362	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
SV-363	M	M	M	M				M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M		

SAMPLE STATIONS FOR CALENDAR YEAR 2007: LOWER SAVANNAH

STATION NUMBER	TEMP	DO	pH	PRFL	TIDE STAGE	COND	SALT	TURB	BOD5	NH3 NH4	NO2 NO3	TKN	TP	FECAL COLI	ENTRO	TOC	ALKL	TSS	HARD	METALS	MERC	CHL-A	SECH	SED BASIC	SED ORG
CL-041	M	M	M	M				M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M	A	
CSTL-001B	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
CSTL-028	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
CSTL-048	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CSTL-076	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CSTL-104	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CSTL-115	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CSTL-116	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CSTL-117	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CSTL-118	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CSTL-119	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CSTL-120	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
E-008A	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
E-011	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
E-012	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
E-013A	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
E-030	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
E-036	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
E-039	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
E-042	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
E-050	M	M	M					M	M	M	M	M	M	M		Q	M	M	A	Q	Q				
E-051	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
E-052	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
E-059	M	M	M					M	M	M	M	M	M	M		Q	M	M	A	Q	Q			A	
E-084	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
E-099	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
E-102	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
E-103	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
E-104	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
E-105	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
E-106	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
E-107	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
E-108	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
E-111	M	M	M					M	M	M	M	M	M	M		Q	M	M	A	Q	Q				
E-112	M	M	M					M	M	M	M	M	M	M		Q	M	M	A	Q	Q				
E-113	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
RL-07004	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M		A	
RL-07011	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M		A	
RS-07046	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
RS-07052	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
RS-07058	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
RS-07206	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
RS-07213	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	

SAMPLE STATIONS FOR CALENDAR YEAR 2007: LOWER SAVANNAH

STATION NUMBER	TEMP	DO	pH	PRFL	TIDE STAGE	COND	SALT	TURB	BOD5	NH3 NH4	NO2 NO3	TKN	TP	FECAL COLI	ENTRO	TOC	ALKL	TSS	HARD	METALS	MERC	CHL-A	SECH	SED BASIC	SED ORG
RS-07214	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
S-093	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
S-123	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
S-324	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
SV-175	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
SV-192	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
SV-250	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
SV-318	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
SV-325	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
SV-350	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
SV-352	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
SV-353	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
SV-354	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
SV-365	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
SV-366	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
SV-367	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
SV-368	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				

SAMPLE STATIONS FOR CALENDAR YEAR 2007: TRIDENT

STATION NUMBER	TEMP	DO	pH	PRFL	TIDE STAGE	COND	SALT	TURB	BOD5	NH3 NH4	NO2 NO3	TKN	TP	FECAL COLI	ENTRO	TOC	ALKL	TSS	HARD	METALS	MERC	CHL-A	SECH	SED BASIC	SED ORG
CSTL-013	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q			A	
CSTL-043	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CSTL-063	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
CSTL-078	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CSTL-085	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
CSTL-099	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
CSTL-102	M	M	M		M	M	M	M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
CSTL-112	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CSTL-113	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CSTL-123	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CSTL-124	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M		
E-015	M	M	M					M	M	M	M	M	M	M		Q	M	M	A	Q	Q			A	A
E-015A	M	M	M					M	M	M	M	M	M	M		Q	M	M	A	Q	Q				
E-032	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
E-086	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
E-109	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
MD-020	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-025	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-026	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q			A	
MD-034	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-039	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-043	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q			A	
MD-044	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-045	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q			A	
MD-046	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-047	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-048	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M	M		Q	Q			A	A
MD-049	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-052	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q			A	
MD-069	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-071	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-114	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
MD-115	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q			A	
MD-120	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q			A	
MD-121	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-130	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-135	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-152	M	M	M		M	M	M	M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
MD-165	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-198	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-202	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q			A	
MD-203	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q			A	
MD-206	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q			A	

SAMPLE STATIONS FOR CALENDAR YEAR 2007: TRIDENT

STATION NUMBER	TEMP	DO	pH	PRFL	TIDE STAGE	COND	SALT	TURB	BOD5	NH3 NH4	NO2 NO3	TKN	TP	FECAL COLI	ENTRO	TOC	ALKL	TSS	HARD	METALS	MERC	CHL-A	SECH	SED BASIC	SED ORG
MD-207	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-208	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-209	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q			A	
MD-217	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
MD-240	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
MD-243	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M	M		Q	Q			A	A
MD-246	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-247	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-248	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q			A	A
MD-249	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q			A	A
MD-250	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-261	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-262	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-264	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-265	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-266	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-267	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-268	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-269	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-270	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-271	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-272	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-273	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-274	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
RL-07001	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M		A	
RL-07017	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M		A	
RO-07328	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Q	M			Q	Q	M			
RO-07331	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Q	M			Q	Q	M			
RO-07336	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Q	M			Q	Q	M			
RO-07339	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Q	M			Q	Q	M			
RO-07340	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Q	M			Q	Q	M			
RT-07039	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Q	M			Q	Q	M			
RT-07040	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Q	M			Q	Q	M			
RT-07043	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Q	M			Q	Q	M			
RT-07048	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Q	M			Q	Q	M			
RT-07055	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Q	M			Q	Q	M			
RT-07056	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Q	M			Q	Q	M			
RT-07060	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Q	M			Q	Q	M			
ST-001	M	M	M					M	M	M	M	M	M	M		Q	M	M	A	Q	Q			A	A
ST-005	M	M	M		M	M	M	M	M	M	M	M	M	M		Q	M		A	Q	Q				
ST-006	M	M	M		M	M	M	M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
ST-007	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
ST-016	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	

SAMPLE STATIONS FOR CALENDAR YEAR 2007: TRIDENT

STATION NUMBER	TEMP	DO	pH	PRFL	TIDE STAGE	COND	SALT	TURB	BOD5	NH3 NH4	NO2 NO3	TKN	TP	FECAL COLI	ENTRO	TOC	ALKL	TSS	HARD	METALS	MERC	CHL-A	SECH	SED BASIC	SED ORG
ST-031	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
ST-032	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M		
ST-033	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M		

SAMPLE STATIONS FOR CALENDAR YEAR 2007: PEE DEE

STATION NUMBER	TEMP	DO	pH	PRFL	TIDE STAGE	COND	SALT	TURB	BOD5	NH3 NH4	NO2 NO3	TKN	TP	FECAL COLI	ENTRO	TOC	ALKL	TSS	HARD	METALS	MERC	CHL-A	SECH	SED BASIC	SED ORG
CL-077	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M	A	
MD-077	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-085	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
MD-107	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
MD-124	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
MD-125	M	M	M		M	M	M	M	M	M	M	M	M	M		Q	M		A	Q	Q				
MD-127	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
MD-138	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
MD-142	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-145	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
MD-263	M	M	M		M	M	M	M	M	M	M	M	M	M		Q	M		A	Q	Q				
MD-275	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-276	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-277	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-278	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
PD-024A	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-027	M	M	M					M	M	M	M	M	M	M		Q	M	M	A	Q	Q			A	A
PD-028	M	M	M					M	M	M	M	M	M	M		Q	M	M	A	Q	Q			A	A
PD-038	M	M	M					M	M	M	M	M	M	M		Q	M	M	A	Q	Q			A	A
PD-043	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
PD-044	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-052	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
PD-055	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-060	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-076	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-078	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-086A	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-087	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-091	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
PD-093	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-097	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
PD-116	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-169	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-170	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
PD-176	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-201	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-203	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-227	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
PD-231	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-281	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
PD-314	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-325	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q			A	
PD-332	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	

SAMPLE STATIONS FOR CALENDAR YEAR 2007: PEE DEE

STATION NUMBER	TEMP	DO	pH	PRFL	TIDE STAGE	COND	SALT	TURB	BOD5	NH3 NH4	NO2 NO3	TKN	TP	FECAL COLI	ENTRO	TOC	ALKL	TSS	HARD	METALS	MERC	CHL-A	SECH	SED BASIC	SED ORG
PD-337	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-345	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-346	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-348	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-349	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-350	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-352	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-353	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-354	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-355	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-356	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-357	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-358	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-359	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-360	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-361	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-362	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-363	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-364	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-365	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-367	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-368	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-369	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
RO-07332	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Q	M			Q	Q	M			
RO-07333	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Q	M			Q	Q	M			
RS-07047	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
RS-07051	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
RS-07192	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
RS-07201	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
RS-07205	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
RS-07221	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
RT-07049	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Q	M			Q	Q	M			
RT-07065	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Q	M			Q	Q	M			

SAMPLE STATIONS FOR CALENDAR YEAR 2007: CENTRAL MIDLANDS

STATION NUMBER	TEMP	DO	pH	PRFL	TIDE STAGE	COND	SALT	TURB	BOD5	NH3 NH4	NO2 NO3	TKN	TP	FECAL COLI	ENTRO	TOC	ALKL	TSS	HARD	METALS	MERC	CHL-A	SECH	SED BASIC	SED ORG
B-053	M	M	M					M	M	M	M	M	M	M	M	Q	M	M	A	Q	Q				
B-054	M	M	M					M	M	M	M	M	M	M	M	Q	M	M	A	Q	Q			A	A
B-072	M	M	M					M	M	M	M	M	M	M	M	Q	M		A	Q	Q				
B-102	M	M	M					M	M	M	M	M	M	M	M	Q	M		A	Q	Q				
B-320	M	M	M					M	M	M	M	M	M	M	M	Q	M		A	Q	Q			A	
B-327	M	M	M					M	M	M	M	M	M	M	M	Q	M		A	Q	Q	M	M		
B-337	M	M	M					M	M	M	M	M	M	M	M	Q	M		A	Q	Q				
B-338	M	M	M					M	M	M	M	M	M	M	M	Q	M		A	Q	Q				
B-345	M	M	M	M				M	M	M	M	M	M	M	M	Q	M		A	Q	Q	M	M		
B-349	M	M	M					M	M	M	M	M	M	M	M	Q	M		A	Q	Q				
B-350	M	M	M					M	M	M	M	M	M	M	M	Q	M		A	Q	Q				
C-007	M	M	M					M	M	M	M	M	M	M	M	Q	M	M	A	Q	Q			A	A
C-009	M	M	M					M	M	M	M	M	M	M	M	Q	M		A	Q	Q				
C-017	M	M	M					M	M	M	M	M	M	M	M	Q	M	M	A	Q	Q			A	A
C-058	M	M	M					M	M	M	M	M	M	M	M	Q	M		A	Q	Q	M			
C-063	M	M	M					M	M	M	M	M	M	M	M	Q	M		A	Q	Q				
C-069																								A	A
C-070	M	M	M					M	M	M	M	M	M	M	M	Q	M	M	A	Q	Q				
C-072	M	M	M					M	M	M	M	M	M	M	M	Q	M		A	Q	Q			A	A
C-074	M	M	M					M	M	M	M	M	M	M	M	Q	M	M	A	Q	Q			A	A
C-075	M	M	M					M	M	M	M	M	M	M	M	Q	M		A	Q	Q			A	A
CL-083	M	M	M	M				M	M	M	M	M	M	M	M	Q	M		A	Q	Q	M	M		
CL-089	M	M	M	M				M	M	M	M	M	M	M	M	Q	M		A	Q	Q	M	M		
CSB-001L																								A	A
CSB-001R																								A	A
CW-019	M	M	M					M	M	M	M	M	M	M	M	Q	M		A	Q	Q			A	
CW-021	M	M	M					M	M	M	M	M	M	M	M	Q	M		A	Q	Q				
CW-079	M	M	M					M	M	M	M	M	M	M	M	Q	M		A	Q	Q				
CW-080	M	M	M					M	M	M	M	M	M	M	M	Q	M		A	Q	Q				
CW-082	M	M	M					M	M	M	M	M	M	M	M	Q	M		A	Q	Q				
CW-154	M	M	M					M	M	M	M	M	M	M	M	Q	M		A	Q	Q				
CW-155	M	M	M					M	M	M	M	M	M	M	M	Q	M		A	Q	Q			A	
CW-166	M	M	M					M	M	M	M	M	M	M	M	Q	M		A	Q	Q				
CW-206	M	M	M					M	M	M	M	M	M	M	M	Q	M	M	A	Q	Q			A	A
CW-207	M	M	M					M	M	M	M	M	M	M	M	Q	M	M	A	Q	Q	M	M	A	
CW-208	M	M	M					M	M	M	M	M	M	M	M	Q	M	M	A	Q	Q	M	M	A	
CW-209	M	M	M					M	M	M	M	M	M	M	M	Q	M	M	A	Q	Q	M	M	A	
CW-222	M	M	M					M	M	M	M	M	M	M	M	Q	M	M	A	Q	Q			A	A
CW-223	M	M	M					M	M	M	M	M	M	M	M	Q	M		A	Q	Q				
CW-228	M	M	M					M	M	M	M	M	M	M	M	Q	M		A	Q	Q			A	
CW-229	M	M	M					M	M	M	M	M	M	M	M	Q	M		A	Q	Q			A	
CW-237	M	M	M					M	M	M	M	M	M	M	M	Q	M		A	Q	Q				
CW-240	M	M	M					M	M	M	M	M	M	M	M	Q	M		A	Q	Q				

SAMPLE STATIONS FOR CALENDAR YEAR 2007: CENTRAL MIDLANDS

STATION NUMBER	TEMP	DO	pH	PRFL	TIDE STAGE	COND	SALT	TURB	BOD5	NH3 NH4	NO2 NO3	TKN	TP	FECAL COLI	ENTRO	TOC	ALKL	TSS	HARD	METALS	MERC	CHL-A	SECH	SED BASIC	SED ORG
CW-241	M	M	M					M	M	M	M	M	M	M	M	Q	M		A	Q	Q				
CW-243	M	M	M					M	M	M	M	M	M	M	M	Q	M		A	Q	Q				
CW-244	M	M	M					M	M	M	M	M	M	M	M	Q	M		A	Q	Q				
CW-250	M	M	M					M	M	M	M	M	M	M	M	Q	M		A	Q	Q				
RL-07007	M	M	M					M	M	M	M	M	M	M	M	Q	M		A	Q	Q	M		A	
RL-07023	M	M	M					M	M	M	M	M	M	M	M	Q	M		A	Q	Q	M		A	
RS-07216	M	M	M					M	M	M	M	M	M	M	M	Q	M		A	Q	Q			A	
S-047	M	M	M					M	M	M	M	M	M	M	M	Q	M		A	Q	Q				
S-298	M	M	M					M	M	M	M	M	M	M	M	Q	M	M	A	Q	Q				
S-305	M	M	M					M	M	M	M	M	M	M	M	Q	M		A	Q	Q				
S-306	M	M	M					M	M	M	M	M	M	M	M	Q	M		A	Q	Q				
S-309	M	M	M	M				M	M	M	M	M	M	M	M	Q	M		A	Q	Q	M	M		
S-310	M	M	M	M				M	M	M	M	M	M	M	M	Q	M		A	Q	Q	M	M		
ST-018	M	M	M					M	M	M	M	M	M	M	M	Q	M		A	Q	Q				
ST-035	M	M	M					M	M	M	M	M	M	M	M	Q	M		A	Q	Q				

SAMPLE STATIONS FOR CALENDAR YEAR 2007: CATAWBA

STATION NUMBER	TEMP	DO	pH	PRFL	TIDE STAGE	COND	SALT	TURB	BOD5	NH3 NH4	NO2 NO3	TKN	TP	FECAL COLI	ENTRO	TOC	ALKL	TSS	HARD	METALS	MERC	CHL-A	SECH	SED BASIC	SED ORG
B-042	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
B-044	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
B-046	M	M	M					M	M	M	M	M	M	M		Q	M	M	A	Q	Q			A	A
B-048	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
B-056	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
B-057	M	M	M					M	M	M	M	M	M	M		Q	M	M	A	Q	Q			A	A
B-062	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
B-075	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
B-136	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
B-155	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
B-159	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
B-333	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
B-351	M	M	M					M	M	M	M	M	M	M		Q	M	M	A	Q	Q			A	A
BF-007	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
BF-008	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CL-021	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M		
CL-094	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M		
CW-002	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CW-005	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CW-006	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	A
CW-008	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CW-009	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CW-011	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CW-013	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
CW-014	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CW-016	M	M	M					M	M	M	M	M	M	M		Q	M	M	A	Q	Q			A	A
CW-016F	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M	A	
CW-017	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CW-023	M	M	M					M	M	M	M	M	M	M		Q	M	M	A	Q	Q			A	A
CW-024	M	M	M					M	M	M	M	M	M	M		Q	M	M	A	Q	Q				
CW-027	M	M	M					M	M	M	M	M	M	M		Q	M	M	A	Q	Q			A	
CW-029	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CW-033	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M		
CW-036	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CW-040	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CW-047	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CW-057	M	M	M	M				M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M	A	
CW-064	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
CW-072	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CW-083	M	M	M					M	M	M	M	M	M	M		Q	M	M	A	Q	Q				
CW-088	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CW-096	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CW-105	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				

SAMPLE STATIONS FOR CALENDAR YEAR 2007: CATAWBA

STATION NUMBER	TEMP	DO	pH	PRFL	TIDE STAGE	COND	SALT	TURB	BOD5	NH3 NH4	NO2 NO3	TKN	TP	FECAL COLI	ENTRO	TOC	ALKL	TSS	HARD	METALS	MERC	CHL-A	SECH	SED BASIC	SED ORG
CW-131	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CW-134	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CW-145	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CW-151	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CW-152	M	M	M					M	M	M	M	M	M	M		Q	M	M	A	Q	Q			A	
CW-153	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CW-171	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CW-174	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M		
CW-175	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M			
CW-176	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CW-185	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CW-192	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CW-197	M	M	M	M				M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M	A	
CW-198	M	M	M					M	M	M	M	M	M	M		Q	M	M	A	Q	Q	M	M	A	
CW-200	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M			
CW-201	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M	A	
CW-203	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CW-212	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CW-221	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CW-224	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	A
CW-225	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	A
CW-227	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CW-230	M	M	M	M				M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M		
CW-231	M	M	M					M	M	M	M	M	M	M		Q	M	M	A	Q	Q	M			
CW-232	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CW-233	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CW-234	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CW-235	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CW-236	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CW-245	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M		
CW-249	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-009	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-012	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
PD-063	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-066	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
PD-068	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-113	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
PD-151	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-191	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-251	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-327	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M	A	
PD-338	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
PD-339	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				

SAMPLE STATIONS FOR CALENDAR YEAR 2007: CATAWBA

STATION NUMBER	TEMP	DO	pH	PRFL	TIDE STAGE	COND	SALT	TURB	BOD5	NH3 NH4	NO2 NO3	TKN	TP	FECAL COLI	ENTRO	TOC	ALKL	TSS	HARD	METALS	MERC	CHL-A	SECH	SED BASIC	SED ORG
PD-340	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-342	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-343	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
PD-344	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
PD-366	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
RL-07003	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M		A	
RL-07008	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M		A	
RL-07019	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M		A	
RS-07038	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
RS-07043	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
RS-07059	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
RS-07208	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
RS-07217	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	

SAMPLE STATIONS FOR CALENDAR YEAR 2007: LOW COUNTRY

STATION NUMBER	TEMP	DO	pH	PRFL	TIDE STAGE	COND	SALT	TURB	BOD5	NH3 NH4	NO2 NO3	TKN	TP	FECAL COLI	ENTRO	TOC	ALKL	TSS	HARD	METALS	MERC	CHL-A	SECH	SED BASIC	SED ORG
CSTL-068	M	M	M		M	M	M	M	M	M	M	M	M	M		Q	M		A	Q	Q				
CSTL-071	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CSTL-075	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M			
CSTL-109	M	M	M					M	M	M	M	M	M	M		Q	M	M	A	Q	Q			A	A
CSTL-121	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CSTL-122	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
MD-001	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-004	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q			A	
MD-116	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q			A	
MD-129	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
MD-173	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-174	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-176	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-194																								A	A
MD-252	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-253	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-254	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-255	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-256	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-257	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-258	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-259	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
MD-260	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q				
RL-07033	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M		A	
RO-07329	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Q	M			Q	Q	M			
RO-07330	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Q	M			Q	Q	M			
RO-07334	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Q	M			Q	Q	M			
RO-07335	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Q	M			Q	Q	M			
RO-07337	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Q	M			Q	Q	M			
RO-07338	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Q	M			Q	Q	M			
RO-07341	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Q	M			Q	Q	M			
RO-07342	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Q	M			Q	Q	M			
RS-07044	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
RT-07038	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Q	M			Q	Q	M			
RT-07042	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Q	M			Q	Q	M			
RT-07053	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Q	M			Q	Q	M			
RT-07057	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Q	M			Q	Q	M			
RT-07058	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Q	M			Q	Q	M			
RT-07062	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Q	M			Q	Q	M			
SV-191	M	M	M	M	M	M	M	M	M	M	M	M	M	M		Q	M			Q	Q			A	
SV-370	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				

SAMPLE STATIONS FOR CALENDAR YEAR 2007: SANTEE COOPER

STATION NUMBER	TEMP	DO	pH	PRFL	TIDE STAGE	COND	SALT	TURB	BOD5	NH3 NH4	NO2 NO3	TKN	TP	FECAL COLI	ENTRO	TOC	ALKL	TSS	HARD	METALS	MERC	CHL-A	SECH	SED BASIC	SED ORG
C-015	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q				
CL-042	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M		
CSTL-062	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
CSTL-079	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q			A	
RL-07014	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M		A	
RL-07018	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M		A	
RL-07022	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M		A	
RL-07030	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M		A	
ST-025	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M		A	
ST-034	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M		
ST-036	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M		
ST-037	M	M	M					M	M	M	M	M	M	M		Q	M		A	Q	Q	M	M		

D. Parameters Sampled at Ambient Surface Water Quality Monitoring Sites

PARAMETERS ANALYZED IN WATER

TEST DESCRIPTION	STORET CODE

Field Parameters

Monthly - all sites

Dissolved Oxygen mg/L*	00300
pH SU	00400
Water Temperature ^{o}C*	00010
Air Temperature ^{o}C	00020

Monthly - selected sites

Specific Conductance umhos/cm*	00402
Salinity ppt*	00480

* Profiled at 1 meter intervals from surface to bottom at selected lake sites and top, bottom, and mid-depth at selected estuarine sites

Physical Parameters

Monthly - all sites

Turbidity NTU	00076
Depth of Sample Collection m	82048

Monthly - selected sites

Flow or Stage	00067 or 00061
Total Suspended Solids mg/L	00530
Transparency	00078

Biological Parameters

Monthly - one of the following at all sites

Fecal Coliform Bacteria MFC /100 mL	31616
Fecal Coliform Bacteria MPN /100 mL	31615
Fecal Coliform Bacteria #/100 mL, A-1 Method	31621

Monthly, May through October - selected lake and estuarine sites

Chlorophyll-a ug/l (Corrected)	32209

PARAMETERS ANALYZED IN WATER (cont.)

TEST DESCRIPTION	STORET CODE
Chemical Parameters	
Monthly - all sites	
Five-Day Biochemical Oxygen Demand mg/L	00310
Nitrate/Nitrite Nitrogen mg/L	00630
Total Phosphorus mg/L	00665
Alkalinity mg/L	00410
Ammonia Nitrogen mg/L	00610
Total Kjeldahl Nitrogen mg/L	00625
Quarterly - all sites	
Total Organic Carbon mg/L	00680
Metals Routine for Stream Waters	
(1) Cadmium in Water ug/L	01027
(2) Chromium in Water ug/L	01034
(3) Copper in Water ug/L	01042
(4) Iron in Water ug/L	01045
(5) Lead in Water ug/L	01051
(6) Manganese in Water ug/L	01055
(7) Mercury in Water ug/L	71900
(8) Nickel in Water ug/L	01067
(9) Zinc in Water ug/L	01092
Annually - all non-marine sites	
Hardness, calculated mg/L	00900

PARAMETERS ANALYZED IN SEDIMENT

TEST DESCRIPTION	STORET CODE
Routine Sediment Analyses	
Annually - selected sites	
Total Phosphorus mg/kg	00668
Total Kjeldahl Nitrogen mg/kg	00627
% Volatile Solids	70322
Annually - selected sites	
Metals Routine for Stream Sediment	
(1) Cadmium in Sediment mg/kg	01028
(2) Chromium in Sediment mg/kg	01029
(3) Copper in Sediment mg/kg	01043
(4) Lead in Sediment mg/kg	01052
(5) Mercury in Sediment mg/kg	71921
(6) Nickel in Sediment mg/kg	01068
(7) Zinc in Sediment mg/kg	01093
Annually - selected sites	
Pesticides and PCB Scan in Sediment (ug/kg)	
(1) a-BHC	39076
(2) b-BHC	34257
(3) Lindane	39783
(4) Heptachlor	39413
(5) Heptachlor epoxide	39423
(6) Aldrin	39333
(7) Dieldrin	39383
(8) Endrin	39393
(9) P,P'-DDE	39321
(10) P,P'-DDD	39311
(11) P,P'-DDT	39301
(12) Chlordane	39351
(13) Toxaphene	39403
(14) Endosulfan I	34364
(15) Endosulfan II	34359
(16) Endosulfan sulfate	34354
(17) Endrin aldehyde	34369
(18) PCB 1016	39514
(19) PCB 1221	39491
(20) PCB 1232	39495
(21) PCB 1242	39499
(22) PCB 1248	39503
(23) PCB 1254	39507
(24) PCB 1260	39511
(25) d-BHC	

PARAMETERS ANALYZED IN SEDIMENT (cont.)

TEST DESCRIPTION	STORET CODE

Sediment Organic Analyses

Annually - selected sites

Base-Neutral/Acid Extractable Organics Scan in Sediment (ug/kg)

(1) Acenaphthene	34208
(2) Acenaphthylene	34203
(3) Anthracene	34223
(4) Benzo(a)anthracene	34529
(5) Benzo(b)fluoranthene	34233
(6) Benzo(k)fluoranthene	34245
(7) Benzo(a)pyrene	34250
(8) Benzo(ghi)perylene	34524
(9) Butylbenzyl phthalate	78800
(10) Bis(2-chloroethyl)ether	34276
(11) Bis(2-chloroethoxy)methane	34281
(12) Bis(2-ethylhexyl)phthalate	39102
(13) Bis(2-chloroisopropyl)ether	34286
(14) 4-bromophenyl phenyl ether	34639
(15) 2-chloronaphthalene	34584
(16) 4-chlorophenyl phenyl ether	34644
(17) Chrysene	34323
(18) Dibenzo(a,h)anthracene	34559
(19) Di-n-butylphthalate	39112
(20) 1,3-dichlorobenzene	34569
(21) 1,2-dichlorobenzene	34539
(22) 1,4-dichlorobenzene	34574
(23) 3,3'-dichlorobenzidine	34634
(24) Diethyl phthalate	34339
(25) Dimethyl phthalate	34344
(26) 2,4-dinitrotoluene	34614
(27) 2,6-dinitrotoluene	34629
(28) Di-n-octylphthalate	34599
(29) Fluoranthene	34379
(30) Fluorene	34384
(31) Hexachlorobenzene	39701
(32) Hexachlorobutadiene	39705
(33) Hexachloroethane	34399
(34) Indeno(1,2,3-cd)pyrene	34406
(35) Isophorone	34411
(36) Naphthalene	34445
(37) Nitrobenzene	34450
(38) N-nitrosodi-n-propylamine	34431
(39) Phenanthrene	34464
(40) Pyrene	34472
(41) 1,2,4-trichlorobenzene	34554
(42) 4-chloro-3-methyl phenol	34455
(43) 2-chlorophenol	34589
(44) 2,4-dichlorophenol	34604
(45) 2,4-dimethyl phenol	34609
(47) 2-methyl-4,6-dinitrophenol	34660

PARAMETERS ANALYZED IN SEDIMENT (cont.)

TEST DESCRIPTION	STORET CODE
Base-Neutral/Acid Extractable Organics Scan in Sediment (ug/kg) (cont.)	
(48) 2-nitrophenol	34594
(49) 4-nitrophenol	34649
(50) Pentachlorophenol	78873
(51) Phenol	34695
(52) 2,4,6-trichlorophenol	34624
(54) Hexachlorocyclopentadiene	34389
(55) N-nitrosodimethylamine	34441
(56) N-nitrosodiphenylamine	34436
Volatile Organics Scan in Sediment (ug/kg)	
(1) Benzene	34237
(2) Bromodichloromethane	34330
(3) Bromoform	34290
(4) Bromomethane	34416
(5) Carbon tetrachloride	34299
(6) Chlorobenzene	34304
(7) Chloroethane	34314
(8) 2-chloroethylvinyl ether	34579
(9) Chloroform	34318
(10) Chloromethane	73304
(11) Dibromochloromethane	78195
(12) 1,2-dichlorobenzene	34539
(13) 1,3-dichlorobenzene	34569
(14) 1,4-dichlorobenzene	34574
(15) 1,1-dichloroethane	34499
(16) 1,2-dichloroethane	34534
(17) 1,1-dichloroethene	34504
(18) Trans-1,2-dichloroethene	34549
(19) 1,2-dichloropropane	34544
(20) Cis-1,3-dichloropropene	34702
(21) Trans-1,3-dichloropropene	34697
(22) Ethylbenzene	34374
(23) Methylene chloride	34426
(24) 1,1,2,2-tetrachloroethane	34519
(25) Tetrachloroethene	34478
(26) Toluene	34483
(27) 1,1,1-trichloroethane	34509
(28) 1,1,2-trichloroethane	34514
(29) Trichloroethene	34487
(30) Trichlorofluoromethane	34491
(31) Vinyl chloride	34495

E. Ocean Water Monitoring Site Descriptions Listed by Regional Office

Bathing Beaches and Public Access Points
Rank, Sample Locations, and Positional Data

Tier 1 Beaches

City of North Myrtle Beach

Station	*Description*	*Longitude*	*Latitude*
WAC-001	59th Ave N	-78.6081281	33.8381116
WAC-002	45th Ave N	-78.6233836	33.8336687
WAC-003	30th Ave N	-78.6372373	33.8288522
WAC-004	16th Ave N	-78.6533888	33.8241275
WAC-005	3rd Ave N	-78.6681812	33.8188902
WAC-005A	7th Ave S	-78.6818196	33.8139202
WAC-006	9th Ave S	-78.6841137	33.8131406
WAC-007	17th Ave S	-78.7000859	33.8065623
WAC-008	33rd Ave S	-78.7176586	33.7985193
WAC-009	47th Ave S	-78.7316984	33.7916396

Town of Atlantic Beach

Atlantic Beach is 0.27 miles long, there are no sampling sites on this beach, but it is considered monitored due to sites located directly above and below it.

Town of Briarcliffe Acres

Station	*Description*	*Longitude*	*Latitude*
WAC-009A	White Point Swash	-78.7399968	33.7867313
WAC-010	Briarcliff Cabana	-78.7418836	33.7863648
WAC-011	2m N Of Wyndham	-78.7456588	33.7844389

Arcadia Beach – Horry County Beach

Station	*Description*	*Longitude*	*Latitude*
WAC-012	Lands End Resort	-78.7644272	33.7738569
WAC-013	Wyndam Hotel	-78.7751472	33.7679330
WAC-014	Sands Ocean Club	-78.7884552	33.7593629
WAC-015	Singleton Swash	-78.7949680	33.7554580

City of Myrtle Beach

Station	*Description*	*Longitude*	*Latitude*
WAC-016	77th Ave North	-78.8128891	33.7432032
WAC-016A	Cane Patch Swash	-78.8222535	33.7369623
WAC-017	64th Ave North	-78.8259239	33.7342228
WAC-017A	Deep Head Swash	-78.8380851	33.7249800
WAC-018	50th Ave North	-78.8426859	33.7217018
WAC-019	34th Ave North	-78.8571075	33.7103910
WAC-020	24th Ave North	-78.8662608	33.7028987
WAC-021	8th Ave North	-78.8800091	33.6904148
WAC-022A	Withers Swash	-78.8907427	33.6800915

WAC-024	23rd Ave South	-78.9078527	33.6664849
WAC-025A	Midway Swash	-78.9170543	33.6581395

Springmaid Beach – Horry County Beach

Station	*Description*	*Longitude*	*Latitude*
WAC-026	Nash Drive	-78.9210152	33.6548022

South Carolina State Park and Campgrounds – Horry County Beach

Station	*Description*	*Longitude*	*Latitude*
WAC-027	Myrtle Beach State Park	-78.9322370	33.6453918
WAC-028	Pirateland Swash	-78.9448891	33.6331050
WAC-029	Ocean Lakes CG	-78.9522428	33.6256796
WAC-029A	South Ocean Lakes CG	-78.9584233	33.6190057

Town of Surfside Beach

Station	*Description*	*Longitude*	*Latitude*
WAC-030	16th Ave N	-78.9611507	33.6161130
WAC-031	11th Ave N	-78.9641393	33.6131460
WAC-031A	5th Ave N Swash	-78.9678983	33.6087667
WAC-032	3rd Ave N	-78.9691373	33.6077479
WAC-033	3rd Ave S	-78.9740541	33.6027406
WAC-034	8th Ave S	-78.9771679	33.5993875
WAC-035	13th Ave S	-78.9810281	33.5952913

Tier 2 Beaches

Garden City Beach – Horry County Beach

Station	*Description*	*Longitude*	*Latitude*
WAC-036	Hawes Ave	-78.9875519	33.5881838
WAC-037	Azalea Ave	-78.9987463	33.5759710

Garden City Beach – Georgetown County Beach

Station	*Description*	*Longitude*	*Latitude*
WAC-038	Gc Point	-79.0280417	33.5343343

Huntington Beach State Park – Georgetown County Beach

Station	*Description*	*Longitude*	*Latitude*
WAC-039	North Access	-79.0485453	33.5144847
WAC-040	Visitors Center	-79.0650630	33.5015691

Litchfield Beach – Georgetown County Beach

Station	*Description*	*Longitude*	*Latitude*
WAC-041	Songbird Ln Lb	-79.0826594	33.4852593
WAC-042	Litchfield Inn	-79.0956795	33.4691087
WAC-043A	1st L Past Gate	-79.1006280	33.4618510

Town of Pawleys Island

Station	*Description*	*Longitude*	*Latitude*
WAC-044A	Pub Access 2nd/Atlantic	-79.1189178	33.4324118
WAC-045A	Public Access Springs	-79.1308041	33.4120827
WAC-046	South Parking	-79.1381272	33.3996241

Debordieu Beach – Georgetown County Beach

Station	*Description*	*Longitude*	*Latitude*
WAC-047	Luvan Way	-79.1485221	33.3750841
WAC-048	Lafayette/Ocean Green	-79.1516853	33.3597849

Isle of Palms

Station	*Description*	*Longitude*	*Latitude*
TRI-050	Port O Call	-79.7209687	32.8103981
TRI-051	Dunes Crest	-79.7295831	32.8041945
TRI-052	IoP 53 Ave	-79.7451271	32.7993724
TRI-053	34th Ave IoP	-79.7655512	32.7935276
TRI-054	21st Ave IoP	-79.7816777	32.7867809
TRI-054B	IoP County Park	-79.7848167	32.7855333
TRI-054C	10th Ave. IoP	-79.7816770	32.7867800
TRI-055	IoP 7th Ave	-79.7949164	32.7811633
TRI-056	IoP 4th Ave	-79.8016763	32.7773541

Sullivans Island

Station	*Description*	*Longitude*	*Latitude*
TRI-057	Sta 30	-79.8166954	32.7681455
TRI-058	Sta 26	-79.8256178	32.7625199
TRI-059	Sta 18 Half	-79.8418775	32.7561453

Folly Beach

Station	*Description*	*Longitude*	*Latitude*
TRI-060	1731 E Ashley	-79.8919986	32.6798872
TRI-061	1561 E Ashley	-79.9050167	32.6708123
TRI-062	11th Ave	-79.9177666	32.6634835
TRI-063	4th Ave	-79.9332694	32.6570540
TRI-063A	5TH Ave. E.	-79.9311651	32.6578928
TRI-064	Center St	-79.9385997	32.6545036
TRI-065	3rd Ave	-79.9445986	32.6524209
TRI-066	8th Ave	-79.9550550	32.6472203
TRI-067	Folly Park	-79.9591553	32.6449023

Kiawah Island

Station	*Description*	*Longitude*	*Latitude*
TRI-068	Ocean Marsh	-80.0446670	32.6082198

TRI-069	Surfsong	-80.0706165	32.6040103
TRI-070	Seaforest Dr	-80.1012961	32.5971705
TRI-071	Shipwatch	-80.1172482	32.5916751
TRI-072	Duneside	-80.1267146	32.5873798

Seabrook Island

Station	*Description*	*Longitude*	*Latitude*
TRI-073	Oyster Catcher	-80.1570319	32.5654819
TRI-074	St Christ Camp	-80.1823011	32.5650084

Edisto Island

Station	*Description*	*Longitude*	*Latitude*
LC-075	Edingsville Jeremy Cay	-80.2741667	32.5187500
LC-076	Jeremy Inlet	-80.2888036	32.5091141
LC-077	Pavilion	-80.2961892	32.5030440
LC-077A	Matilda St	-80.3056000	32.4968167
LC-077A1	Fenwick	-80.2988888	32.5011111
LC-077A2	Mary	-80.3011111	32.4997222
LC-077B	Atlantic St	-80.3098333	32.4938000
LC-077C	Portia	-80.311.6666	32.4919444
LC-078	Cheehaw	-80.3147337	32.4899083
LC-078A	Nancy	-80.3172222	32.4877777
LC-078B	Dorothy	-80.3200000	32.4861111
LC-078C	Catherine	-80.3233333	32.4847222
LC-079	Edings	-80.3254256	32.4825645
LC-080	Edisto St	-80.3376307	32.4783173
LC-080A	Mikell St	-80.3412500	32.4821833
LC-081	Ebb Tide	-80.3439132	32.4891121

Harbor Island

Station	*Description*	*Longitude*	*Latitude*
LC-083	N Harbor Dr	-80.4403469	32.4129153
LC-084	Bt Lots 118 120	-80.4355128	32.4124585
LC-085	Bt Lots54 56	-80.4319043	32.4091789

Hunting Island

Station	*Description*	*Longitude*	*Latitude*
LC-086	Camps 73 75	-80.4305767	32.3883794
LC-087	Camps 47 49	-80.4318066	32.3848848
LC-088	South Beach Cons	-80.4409419	32.3648875
LC-089	Cabin 9	-80.4521517	32.3406450
LC-090	N Beach Restroom	-80.4369093	32.3730697
LC-091	Lighthouse	-80.4360518	32.3750618

Fripp Island

Station	*Description*	*Longitude*	*Latitude*

LC-092	Access 25	-80.4899288	32.3104403
LC-093	Fripp Villas	-80.4803966	32.3144317
LC-094	Seahorse	-80.4712075	32.3163850
LC-095	Red Drum Rd	-80.4673595	32.3173408
LC-096	Marlin Dr Access 2	-80.4624500	32.3193000

Hilton Head Island

Station	*Description*	*Longitude*	*Latitude*
LC-098	Port Royal Plantation	-80.6685909	32.2197216
LC-099	Folly Field	-80.6882693	32.2006913
LC-100	Burks Beach	-80.6962256	32.1928845
LC-101	Moorings	-80.7148049	32.1678615
LC-102	Hilton	-80.7200065	32.1618016
LC-103	Ocean Woods	-80.7310570	32.1516425
LC-104	Sea Crest	-80.7480456	32.1415282
LC-105	Elderberry	-80.7658163	32.1335377
LC-106	Marriot	-80.7627161	32.1349257
LC-107	Sea Pines Beach Club	-80.7856603	32.1241791
LC-108	Atlantic Pointe	-80.8008067	32.1164881
LC-109	Tower Beach	-80.8228073	32.1075284
LC-110	Beachside Tennis	-80.8283337	32.1122093
LC-111	Landsend Drive	-80.8260547	32.1209233

F. Macroinvertebrate Monitoring Site Descriptions

SAVANNAH-SALKEHATCHIE BASIN

CSTL-097	03050207010	Salkehatchie R. @ SR 166	Barnwell	89
CSTL-578	03050207010	Buck Creek @ S.R.-167	Barnwell	89,92
CSTL-056	03050207020	Turkey Creek @ S.R.-169	Barnwell	92,93,96
CSTL-577	03050207030	Toby Creek @ S.R.-29	Barnwell	96,05
CSTL-579	03050207030	Birds Branch @ S.R. 567	Bamberg	96,05
CSTL-053	03050207040	Savannah Creek @ S.R.-87	Bamberg	96
CSTL-051	03050207050	Jackson Crk. @ S-18	Allendale	96,05
CSTL-550	03050207050	Log Branch @ SR 53	Allendale	96
CSTL-566	03050207060	Little Salkehatchie River @ S.C.- 70	Bamberg	96
CSTL-576	03050207070	Lemon Creek @ S-74	Bamberg	96
CSTL-552	03050207110	Little Salkehatchie R. @ SC 63	Colleton	96
CSTL-585	03050207110	Sandy Run Creek @ US 21	Colleton	96,05
CSTL-583	03050208010	Black creek @ US 21	Colleton	96,05
CSTL-584	03050208010	Remick Swamp Crk. @ SR 41	Colleton	96
CSTL-044	03050208020	Ireland Creek @ S.R. 116	Colleton	96
CSTL-551	03050208020	Ashepoo R. @ SR 41	Colleton	96
CSTL-580	03050208030	Chessey Creek @ S.R. 45	Colleton	96,05
CSTL-581	03050208030	Fuller Swamp Crk. @ US 17A	Colleton	96
CSTL-540	03050208050	Coosawatchie River @ S-350	Allendale	96
CSTL-009	03050208070	Coosawhatchie R. @ US 601	Hampton	96
CSTL-011	03050208070	Sanders Branch @ S-50	Hampton	96,05
CSTL-582	03050208080	Cypress Creek @ SC 3	Jasper	92,93,94,95,05
SV-230	03060101030	Eastatoe Cr. @ SR 143	Pickens	96
SV-341	03060101030	Little Eastatoe Creek @ SR 49	Pickens	87,90,96,05
SV-676	03060101030	Rocky Bottom Cr. @ US 178	Pickens	87,05
SV-741	03060101030	Eastatoe Creek @ SR 237	Pickens	87,90,05
SV-180	03060101040	Six & Twenty Cr @ S.R. 174	Anderson	87,90,96,05
SV-205	03060101040	Six Mile Creek @ SR 160	Pickens	96,05
SV-683	03060101040	Wildcat Crk. @ Clemson U Rec. Area off SC 133	Pickens	87,90,96,05
SV-342	03060101050	Cane Crk. @ SR 133	Oconee	96
SV-343	03060101050	Little Cane Creek @ SR 133	Oconee	96,05
SV-742	03060101050	Oconee Creek @ SR 129	Oconee	96,05
SV-743	03060101050	Flat Shoals River @ SR 129	Oconee	96
SV-206	03060101060	North Fork of Twelve Mile Creek @ US 178	Pickens	96,05
SV-739	03060101060	Twelve Mile Creek @ SR 137	Pickens	96
SV-740	03060101060	Rices Creek @ SR 158	Pickens	87,90,93,94,95,96,05
SV-738	03060101070	Golden Creek @ Golden Crk. Rd.	Pickens	87,90,05
SV-135	03060101090	Eighteen Mile Creek @ SR 140	Anderson	92,93,94,95
SV-735	03060101100	Three and Twenty Creek @ SR 29	Anderson	96,05
SV-227	03060102010	Chattooga R. @ SC 28	Oconee	87,90
SV-308	03060102010	East Fork of the Chattooga River @ SC 107	Oconee	87,90,92,05
SV-199	03060102060	Chattooga R. @ US 76	Oconee	96
SV-673	03060102060	Brasstown Cr. @ SR 48	Oconee	96
SV-674	03060102060	Brasstown Cr dirt rd 300 m fr Tugalloo R	Oconee	87,90,96
SV-684	03060102080	Crane Creek @ Winding Stairs Rd. 3.7 m east of SC 107	Oconee	87,90,96,05
SV-201	03060102120	Chauga R. @ US 76	Oconee	87,90,92,93,94,95
SV-225	03060102120	Toxaway Cr. @ SR 34	Oconee	87,90,05
SV-675	03060102120	Chauga R. @ SR 193	Oconee	87
SV-108	03060102130	Choestoea Creek @ SR 49	Oconee	96,05
SV-345	03060102150	Beaver Dam Creek @ SR 66	Oconee	87,90,96,05
SV-101	03060103030	Big Generostee Cr. @ SC 187	Anderson	96
SV-109	03060103030	Little Generositee Creek @ SC 184	Anderson	96,05
SV-044	03060103070	Hen Coop Creek @ SR 244	Anderson	96,05
SV-141	03060103070	Broadway Crk. @ U.S. 76	Anderson	96
SV-650	03060103070	Rocky R. @ SC 413	Anderson	87,90,96
SV-185	03060103080	Wilson Creek @ SC 413	Anderson	96,05

SAVANNAH-SALKEHATCHIE BASIN (CONT.)

SV-164	03060103140	Little River @ SR 24	Abbeville	96,05
SV-171	03060103140	Calhoun Cr. @ SR 40	Abbeville	96,05
SV-348	03060103140	Little R. @ SR 32	Abbeville	96
SV-644	03060103140	Gill Cr. @ SR 32	Abbeville	87,90,96,05
SV-678	03060103140	Little R. @ SC 72	Abbeville	87,90,96
SV-733	03060103140	Hogskin Creek @ SC 184	Abbeville	87,90,96,05
SV-054	03060103150	Double Br. @ SR 33	Abbeville	87
SV-056	03060103150	Long Cane Cr. @ SR 33	Abbeville	87,90,96
SV-318	03060103150	Long Cane Cr. @ SR 117	McCormick	87,90,96,05
SV-349	03060103150	Long Cane Creek @ SR 159	Abbeville	87,90,05
SV-732	03060103150	Big Curly Tail Creek @ US Forest Rd 509	Abbeville	87,90,05
SV-734	03060103150	Johns Creek @ SR 159	Abbeville	87,90,92,93, 94,95,96,05
SV-069	03060106050	Sand Creek @ SC 421	Aiken	87,90,05
SV-250	03060106050	Horse Cr. @ SC 125	Aiken	93,94,95
SV-679	03060106050	Little Horse Cr. @ SR 33	Aiken	93,94,95
SV-724	03060106050	Little Horse Crk. @ SR 104	Aiken	96,05
SV-350	03060106060	Hollow Creek @ SR 5	Aiken	96
SV-286	03060106100	Upper Three Runs Cr. @ US 278	Aiken	96
SV-680	03060106100	Upper Three Runs Cr. @ SR 113	Aiken	96,05
SV-681	03060106100	Upper Three Runs Cr. @ SR 114	Aiken	96
SV-723	03060106100	Cedar Crk. @ SR 79	Aiken	96,05
SV-175	03060106130	Lower Three Runs Cr. @ SR 125	Allendale	96
SV-745	03060106140	Briar Crk. @ S-102	Allendale	96,05
SV-062	03060107010	Stevens Cr. @ SR 22	McCormick	96
SV-151	03060107010	Hard Labor Creek @ SR 164	Greenwood	96,05
SV-351	03060107010	Cuffytown Creek @ SR 138	McCormick	96,05
SV-730	03060107010	Rocky Crk. @ SR 87	McCormick	96,05
SV-731	03060107010	Hard Labor Creek @ SR 23	McCormick	96,05
SV-727	03060107020	Rocky Crk. @ SR 61	Edgefield	96,05
SV-728	03060107020	Log Creek @ SR 315	Edgefield	96,05
SV-729	03060107020	Turkey Creek @ SR 100	Edgefield	96,05
SV-353	03060107030	Beaverdam Crk. @ SR 621	Edgefield	96,05
SV-063	03060107040	Stevens Cr. @ SC 23	McCormick	96,05
SV-725	03060107040	Cheves Creek @ SR 34	Edgefield	96,05
SV-726	03060107040	Horn Creek @ SR 143	Edgefield	96
SV-744	03060109050	Cypress Branch @ US 321	Jasper	96,05

SALUDA-EDISTO BASIN

S-002	03050109010	North Saluda R. @ SR 89	Greenville	01
S-773	03050109010	North Saluda R. @ US Hwy 25	Greenville	93,01
S-076	03050109020	Middle Saluda R. @ Jones Gap St. PK	Greenville	93,01
S-086	03050109020	Matthews Creek @ SR 90	Greenville	93,01
S-317	03050109020	Oil Camp Creek @ SR 97	Greenville	93,01
S-771	03050109020	South Saluda R. @ SC Hwy. 11	Greenville	93,01
S-103	03050109030	Oolenoy River @ SR 47	Pickens	93,01
S-774	03050109040	Grove Cr. @ Sec. Rd. 541	Greenville	93,01
S-866	03050109040	Shoals Creek @ SR 140	Pickens	92,01
S-865	03050109050	Georges Creek @ road above SR 36	Pickens	93,01
S-301	03050109060	Brushy Creek @ SR 143	Anderson	88,97,01
S-302	03050109070	Big Creek @ SR 116	Anderson	88,97,01
S-804	03050109080	Cane Cr. @ Sec.Rd. 19	Laurens	97,01
S-858	03050109080	Turkey Creek @ SR 96	Greenwood	97,01
S-864	03050109080	Mountain Creek @ SR 51	Greenville	88,92,93,94, 95,97,01
S-775	03050109090	Broad Mouth Cr. @ Sec. Rd. 81	Anderson	97,01

S-776	03050109090	Trib.Broad Mouth Cr. @ Sec. Rd.205	Anderson	88,92,97,01
S-091	03050109100	Rocky Creek @ SR 453	Greenville	88,01,05
S-867	03050109100	Brushy Creek @ SR 30	Greenville	97,01,05
S-868	03050109100	Reedy River @ SR 133	Greenville	88
S-928	03050109100	Reedy River @ SR 88	Greenville	01
S-863	03050109110	Huff Creek @ SR 459	Greenville	88,01
S-778	03050109120	Reedy R. @ Sec. Rd. 68	Greenville	88,92,97,01
S-861	03050109120	Walnut Creek @ SR 64	Laurens	88,92,97,01
S-862	03050109120	Horse Creek @ SR 69	Greenville	97,01,05
S-096	03050109130	Rabon Cr. @ Sec. Rd. 54	Laurens	97,01
S-859	03050109130	Mountain Creek @ SR 32	Laurens	97,01
S-860	03050109130	South Rabon Creek @ SR 77	Laurens	97,01
S-184	03050109140	Coronaca Creek @ SC Hwy 221	Greenwood	97,01
S-235	03050109140	Wilson Creek @ SR 124	Greenwood	97,01
S-856	03050109140	Ninety Six Creek @ SR 42	Greenwood	97,01
S-851	03050109150	Bush River @ SR 244	Newberry	97
S-852	03050109150	Beaverdam Creek @ SR 83	Newberry	97,01
S-100	03050109160	Little River @ SR 48	Newberry	97,01
S-777	03050109170	Big Cr. @ SC Hwy 121	Saluda	97
S-855	03050109170	Big Creek @ SR 122	Saluda	97
S-111	03050109180	Cloud Creek @ US 178	Saluda	94,95
S-112	03050109180	Moores Cr. @ Hwy. 178	Saluda	88,01
S-808	03050109190	Trib. to Timothy Crk. @ SR 244	Newberry	88
S-850	03050109190	Camping Creek @ Sr 72	Newberry	88
S-052	03050109210	Twelve Mile Creek @ SR 106	Lexington	88
S-260	03050109210	Kinley Creek @ St. Andrews Road	Lexington	88,01
S-287	03050109210	Rawls Creek @ SR 107	Lexington	88
S-848	03050109210	Fourteen Mile Creek @ SR 28	Lexington	88,01
S-988		Walnut Crk @ SR 36	Laurens	05
S-987		Ware Shoals @ SR 347	Laurens	05
S-986		Martin Crk @ Craig Rd	Greenville	05
S-985		Little Crk @ Berry Road	Greenville	05
S-989		Gilson Crk @ Bolt Road	Abbeville	05
S-990		Trib to Mountain Crk @ Oak Hill Drive	Greenville	05
S-982		Harrison Crk @ S. Harrison Brdge Road	Greenville	05
S-984		Trib. to Baker Creek @ Alverson Rd	Greenville	05
S-972		Baldwin Creek @ North Moore Rd	Greenville	05
S-983		Huff Creek @ Griffin Mill Rd	Greenville	05
S-991		Shoal Creek @ Deer Creek Rd.	Pickens	05
S-980		Carpenter Creek @ Pace Bridge Rd	Pickens	05
S-981		Richland Creek @ E. North Street	Greenville	05
S-265		Langston Creek @ Old Buncombe Rd	Greenville	05
S-139		Laurel Crk @ Mauldin Rd (Butler Rd)	Greenville	05
S-011		Reedy River Headwaters @ Roe Ford Rd	Greenville	05
S-979		Broad Mouth Creek @ SR 265	Anderson	05
C-010	03050110010	Big Beaver Crk. @ US Hwy 176	Calhoun	94,01
C-577	03050110010	Bates Mill Crk. @ SR 24	Calhoun	88
C-005	03050110020	Six Mile Creek @ US 21	Lexington	88
C-061	03050110020	Savana Branch @ SR 72	Lexington	88,01
C-565	03050110020	Congaree Cr. @ SR 34	Lexington	88,92,93,01
C-580	03050110020	Red Bank Creek @ unnumbered Rd. connecting SR 1260 and SR 243	Lexington	88,92,93,94,95,01
C-583	03050110020	Second Creek @ SR 647	Lexington	94,01
C-566	03050110030	Gills Crks. @ Alpine Rd. on Fort Jackson	Richland	94
C-009	03050110040	Sandy Run Crk. @ US Hwy 176	Calhoun	94,01
C-069	03050110050	Cedar Creek @ SR 66	Richland	94,01
C-071	03050110050	Cedar Creek @ SR 734	Richland	94,01

SALUDA-EDISTO BASIN (CONT.)

C-578	03050110050	Myers Creek @ SR 734	Richland	94,01
C-579	03050110060	Toms Creek @ Power Line and RR Track	Richland	94,01
E-600	03050203010	Lightwood Knot Crk. @ unnamed rd. west of sr 60	Lexington	94,01
E-601	03050203010	Chinguapin Crk. @ SR 210	Aiken	94
E-576	03050203020	North Fork Edisto R. @ SR 75	Lexington	94
E-577	03050203030	Black Cr. @ SR 245	Lexington	91
E-599	03050203030	Black Creek @ SR 278	Lexington	97,01
E-042	03050203050	Bull Swamp Cr. @ SR 189	Orangeburg	89,92,97
E-591	03050203050	Bull Swamp @ SC 6	Lexington	97,01
E-593	03050203060	Great Branch @ SC 4	Orangeburg	97
E-008	03050203080	North Fork Edisto R. @ SR 39	Orangeburg	89,92,97,01
E-090	03050204010	South Fork Edisto R. @ US 1	Aiken	97,01
E-578	03050204010	McTier Cr. @ SR 209	Aiken	97,01
E-579	03050204020	Shaws Cr. @ SR 153	Aiken	97,01
E-595	03050204030	Yarrow Branch @ SR 161	Barnwell	92,97,01
E-012	03050204050	South Fork Edisto R. @ SR 39	Orangeburg	97,01
E-029	03050204050	Windy Hill Crk. @ SR 38	Barnwell	97,01
E-598	03050204060	Goodland Creek @ SC 4	Orangeburg	97,01
E-039	03050204070	Roberts Swamp @ SC 332	Orangeburg	01
E-592	03050204070	Roberts Swamp @ SR 690	Orangeburg	97
E-108	03050205020	Cattle Creek @ SR 19	Dorchester	97,01
E-016	03050205040	Polk Swamp @ Sec 19	Dorchester	97,01
E-597	03050205040	Indian Fields Crk. @ US 78	Dorchester	97,01
E-076	03050206010	Little Bull Crk. @ SC 33	Orangeburg	89,92,94,95,97
E-589	03050206010	Grambling Crk. @ SR 154	Orangeburg	89,92,97,01
E-590	03050206010	Bull Swamp @ SR 65	Orangeburg	89,92,97
E-596	03050206060	Cedar Swamp @ Cement Bridge Rd. off SR 640	Orangeburg	89,92,93,94, 95,97,01
E-100	03050206070	Four Hole Swamp @ US 78	Dorchester	89,92,97,

CATAWBA-SANTEE BASIN

CW-064	03050103020	McAlpine Cr. @ SR 64	Lancaster	95,98, 02
CW-246	03050103020	Sugar Cr. @ gravel road off SR 64	Lancaster	95,98, 02
CW-681	03050103020	Steel Cr. @ US By-pass 21	York	89,98, 02
CW-210	03050103040	Cane Cr. @ SC 9	Lancaster	89,95,98, 02
CW-005	03050103050	Fishing Cr. @ SR 347	York	89,92,93,94, 95,98,02
CW-031	03050103050	Fishing Cr. @ SC 161	York	89,98, 02
CW-225	03050103050	Fishing Cr. @ SR 503	York	89
CW-642	03050103050	Fishing Crk. 20 meters above York POTW off SR 1172	York	89
CW-096	03050103060	Wildcat Cr. @ SR 998	York	89
CW-224	03050103060	Fishing Cr. @ SR 163	York	92,93,94,95
CW-650	03050103060	Wildcat Cr. 20 m above Fishing Cr.	York	95
CW-654	03050103060	Fishing Cr. @ SR 655	York	95,98, 02
CW-655	03050103060	Stoney Fork Cr. @ SR 739	York	95
CW-002	03050103090	Rocky Cr. @ SR 335	Chester	95,98, 02
CW-067	03050103090	Little Rocky Cr. @ SR 144	Chester	95,98, 02
CW-078	03050104040	Grannies Quarter Cr. @ SR 58	Kershaw	95,98, 02
CW-228	03050104050	Sawneys Cr. @ SR 151	Fairfield	95,98, 02
CW-080	03050104060	Twenty-Five Mile Cr. @ SR 5	Kershaw	95,98, 02
CW-223	03050104070	Little Pine Cr. @ SR 132	Kershaw	95,98, 02
CW-154	03050104090	Kelly Cr. @ SR 367	Kershaw	89,95,98, 02
CW-155	03050104090	Spears Cr. @ SC 12	Kershaw	97,98, 02
CW-007	03050103060	South Fork of Fishing Crk. @ SR 50	Chester	98, 02
CW-024	03050101180	Crowsers Crk. @ SR 1104	York	98, 02

CATAWBA-SANTEE BASIN (CONT.)

CW-075	03050104050	Throntree Crk. @ SR 258	Fairfield	98, 02
CW-076	03050104010	Beaver Crk. @ SR 13	Kershaw	98, 02
CW-077	03050104040	Flat Rock Crk. @ SR 40	Kershaw	98, 02
CW-084	03050103080	Camp Crk. @ SR 20	Lancaster	98, 02
CW-234	03050103070	Tinkers Crk. @ SR 599	Chester	98, 02
CW-691	03050103090	Beaver Dam Crk. @ SR 555	Chester	98, 02
CW-692	03050104010	Dutchman Crk. @ SR 21	Fairfield	98, 02
CW-693	03050104010	White Oak Crk. @ SR 696	Kershaw	98, 02
CW-694	03050101190	Big Allison Crk. @ SR 114	York	98, 02
CW-695	03050103060	Taylors Crk. @ SR 735	York	98, 02
CW-696	03050101180	Beaver Dam Crk. @ SR 114	York	98, 02
CW-697	03050103060	Stoney Fork Crk. @ SC 121 & 72	York	98, 02
CW-233	03050103060	Fishing Creek @ SR 77	Chester	02
C-014	03050111010	Warley Creek @ SC 267	Calhoun	02
ST-536	03050112010	Bennetts Branch @ SR 351	Claredon	02
ST-537	03050112010	Doctor Branch @ SR 48	Claredon	02
ST-533	03050111020	Lyons Creek @ SC 6	Calhoun	02
ST-534	03050111020	Halfway Swamp Creek @ SR 157	Calhoun	02
ST-535	03050111010	Spring Grove Creek @ SR 26	Calhoun	02
ST-527	03050111010	Tavern Cr. @ SR 808	Sumter	94, 02

PEE DEE BASIN

PD-339	03040201030	Westfield Cr. @ US 52	Chesterfield	89,95,03
PD-641	03040201033	Westfield Cr. @ SR 62	Chesterfield	95,98
PD-637	03040201050	Buckholtz Cr. @ dirt Rd. off SR 656	Darlington	95
PD-612	03040201070	Crooked Cr. @ 609	Marlboro	95
PD-613	03040201100	Skipper Cr @ SC 145	Chesterfield	89,98,03
PD-630	03040201130	Willow Cr. @ SC 327	Florence	89
PD-639	03040201130	Jefferies Cr. @ SR 13	Darlington	95
PD-182	03040202040	Flat Cr. @ US 601	Lancaster	95,98,03
PD-001	03040202050	Lynches R. @ SC 265	Lancaster	95,98,03
PD-608	03040202050	Big Sandy Cr. @ SR 11	Chesterfield	95
PD-632	03040202070	Little Lynches R. @ SC 157	Lancaster	95,98,03
PD-640	03040202070	Lynches Cr. @ SR 88	Lancaster	95,98,03
PD-008	03040202080	Little Lynches R. @ US 1	Kershaw	89,95
PD-611	03040202110	Lake Swamp @ US 401	Darlington	95
PD-631	03040202130	Trib to Big Swp. @ SR 164	Florence	95,03
PD-270	03040204030	Litttle Pee Dee R. @ SR 22	Dillon	95
PD-163	03040204050	Reedy Cr. @ SR 48	Dillon	95
PD-351	03040204080	Cedar Cr. @ SR 23	Horry	95
PD-183	03040205030	Scape Ore Swamp @ SC 34	Lee	95
PD-636	03040205030	Beaver Dam Cr. @ SR 313	Lee	95
PD-198	03040205080	Cane Savannah Cr. @ SC 120	Sumter	89
PD-617	03040205090	Briar Branch @ SR 459	Sumter	95
PD-627	03040205090	Big Br. @ SC 261	Clarendon	95
PD-629	03040205140	Ox Swamp @ US 521	Williamsburg	89,92,03
PD-610	03040205170	Black Mingo Cr. @ SR 121	Williamsburg	89,92,95
PD-638	03040206140	Bear Swp. @ SR 110	Horry	95
PD-078	03040201110	Black Crk. @ SC 265	Florence	98
PD-180	03040202030	South Branch of Wildcat Crk. @ SR 39	Lancaster	98,03
PD-364	03040202090	Lynches River @ US 401	Lee	98
PD-647	03040202060	Little fork Crk. @ SR 39	Chesterfield	98,03
PD-669	03040202070	Hanging Rock Crk. @ SR 770	Lancester	98,03
PD-670	03040201100	Black crk. @ SR 33	Chesterfield	98
PD-671	03040201060	Deep Crk. @ SR 47	Chesterfield	98,03
PD-333	03040202020	Hills crk. @ SR 105	Chesterfield	98,03

PEE DEE BASIN (CONT.)

PD-673	03040201060	Thompson Crk. @ SC 109	Chesterfield	98,03
PD-674	03040201100	Big Black Crk. @ SR 683	Chesterfield	98,03
PD-675	03040201080	Cedar Crk. @ SR 171	Chesterfield	98
PD-676	03040201100	Little Black Crk. @ Zillysteen Rd. (dirt rd.)	Chesterfield	98,03
PD-677	03040201060	North Prong Crk. SC 102	Chesterfield	98,03
PD-678	03040202080	Beaver Dam Crk. @ SR 59	Kershaw	98,03
PD-679	03040202030	North Branch of Wildcat Crk. @ SR 178	Lancaster	98,03
PD-694	03040205150	Johnson Swamp @ SR 16	Williamsburg	03
PD-206	03040205140	Dickie Swamp @ SR 220	Williansburg	03
PD-695	03040205110	Douglass Swamp @ US 378	Clarendon	03
PD-157	03040205110	Pudding Swamp @ US 301	Clarendon	03
PD-696	03040205120	Clapps Creek @ SR 47	Williamsburg	03
PD-697	03040205140	Boggy Swamp @ SC 527	Williamsburg	03
PD-698	03040205150	Burch Creek @ Hell Hole Swamp @ SR 383	Williamsburg	03
PD-699	03040206130	Kingston Lake Swamp @ SR 139	Horry	03
PD-700	03040206130	Whiteoak Swamp @ SR 97	Horry	03
PD-701	03040204070	Dawsey Swamp @ SR 99	Horry	03
PD-702	03040204090	Palmetto Swamp @ SR 99	Horry	03
PD-703	03040205160	Paisley Swamp @ SC 261	Williamsburg	03
PD-267	03040205090	Big Branch @ SC 261	Clarendon	03
PD-704	03040202070	Cow Branch @ Spears Road	Kershaw	03

BROAD BASIN

B-740	03050105100	Buffalo Crk. @ SC Hwy 198	Cherokee	95,99,04
B-333	03050105120	Kings Creek @ S-11-209, 3 mi W of Smyrna	Cherokee	95,99,04
B-062	03050105130	Thicketty Cr. @ SC 211	Cherokee	95,99
B-133	03050105130	Thicketty Cr. @ SC 18	Cherokee	95,99,04
B-334	03050105130	Gilkey Ck @ S-11-231, 9 mi SE of Gaffney	Cherokee	95,99,04
B-157	03050105140	Clark Crk. @ SR 63	York	93,94,95,95,99,04
B-739	03050105140	Bullocks Crk. @ SR 40	York	93,99,04
B-099-7	03050105150	Vaughn Creek, upstream of B-099A @ Br.	Greenville	95,99,04
B-719	03050105150	North Pacolet R. @ SR 128	Spartanburg	95,99
B-720	03050105160	South Pacolet R. @ SR 183	Spartanburg	95,99,04
B-221	03050105180	Lawsons Fork Creek @ S-42-40 bl Inman Mill	Spartanburg	95,99
BL-001	03050105180	Lawson's Fork Cr. @ SR 108	Spartanburg	95,99,04
B-136	03050106020	Turkey Ck @ SC 9, 14 mi NW of Chester	Chester	88,99,04
B-155	03050106030	Browns Ck @ S-44-86, 8 mi E of Union	Union	95,99,04
B-075	03050106040	Sandy Rvr @ SC 215, 2.5 mi ab jct with Broad Rvr	Chester	95,99,04
B-721	03050106040	Sandy R. @ SC 121	Chester	95
B-722	03050106040	Brushy Fork Cr. @ SR 25	Chester	95
B-723	03050106040	Johns Crk. @ SC 215	Chester	95
B-143	03050106050	Beaver Crk. @ SR 95	Fairfield	88,92,93,94,04
B-751	03050106050	Cannons Crk. @ US 176	Newberry	95,99,04
B-081	03050106060	Crane Creek @ US 321	Richland	88,99
B-280	03050106060	Smith Creek @ North Main Street In Columbia	Richland	88,99
B-145	03050106070	Little Rvr @ S-20-60 3.1 mi SW of Jenkinsville	Fairfield	88,99,04
B-102	03050106080	Jackson Ck @ s-20-54, 5 mi W of Winnsboro	Fairfield	95,99,04
B-320	03050106090	Big Cedar Cr. @ SC 215	Richland	95,99,04
B-005A	03050107010	South Tyger R. @ SR 242	Spartanburg	95,99
B-741	03050107010	South Tyger River @ unnamed Rd. south of sr 569	Greenville	95,99
B-726	03050107020	North Tyger River @ SR 101	Spartanburg	95
B-017	03050107030	North Tyger River @ SC 296	Spartanburg	95,99
B-014	03050107040	Middle Tyger Rvr @ S-42-64	Spartanburg	95,99
B-148	03050107040	Middle Tyger Rvr @ SC 14 2 mi SSW Gowansville	Greenville	95,99
B-725	03050107040	Middle Tyger R. @ SR 789	Spartanburg	95

BROAD BASIN (CONT.)

B-318	03050107050	Tyger R. @ SC Hwy 56	Spartanburg	95
B-733	03050107050	Dutchman Cr. @ SR 511	Spartanburg	95,99,04
B-021	03050107060	Fairforest Ck @ SC 56	Spartanburg	93,99,04
B-336	03050107060	Tinker Ck @ S-44-278, 9 mi SSE of Union	Union	93,99,04
BF-008	03050107060	Fairforest Ck @ S-44-16 SW of Union	Union	93,99,04
BE-007	03050108010	Rocky Creek @ SR 164	Greenville	99,04
BE-008	03050108010	Mountain Creek @ S.R. 279	Greenville	99,04
BE-009	03050108010	Brushy Creek @ S.R. 164	Greenville	99,04
BE-020	03050108010	Gilder Creek @ S.R. 143	Greenville	99,04
BE-018	03050108010	Enoree Rvr @ S-30-75	Laurens	93,99
BE-019	03050108010	Enoree River @ sc Hwy 418	Laurens	89,92,93,94,95,99
BE-022	03050108010	Durbin Crk. @ SC Hwy 101	Laurens	92,93,94,95,99,04
B-246	03050108030	Beaverdam Ck @ S-30-97, 7 mi NE of Gray Court	Laurens	93,99,04
B-718	03050108030	Warrior Cr @ SR 40	Laurens	93
B-742	03050108030	Warrior Creek @ SC 49	Laurens	93,99
B-072	03050108043	Duncan Ck @ US 176,1.5 mi SE of Whitmire	Newberry	93,99,04
B-054	03050108050	Enoree R. @ SR 45	Newberry	93,94,
B-071	03050108050	Indian Crk. @ US 176	Newberry	93,99
B-104	03050105160	Spivey Creek @ SR 209	Spartanburg	99
B-296	03050106050	Suck Creek @ Walter Rd. off S.R. 29	Cherokee	99
B-151	03050106050	Hellers Creek @ S.R. 97	Newberry	99
B-332	03050107010	South Tyger River @ S.R. 86	Spartanburg	99
B-531	03050105180	Meadow Creek @ S.R. 56	Spartanburg	99,04
B-625	03050107010	Maple Creek @ S.R. 644	Spartanburg	99,04
B-679	03050105090	Cherokee Creek @ SC 329	Cherokee	99,04
B-777	03050107050	Cane Creek @ S.R. 359	Union	99,04
B-778	03050106010	Neals Creek @ S.R. 86	Union	99,04
B-779	03050107060	Sugar Creek @ S.R. 52	Union	99
B-780	03050105190	Mill Creek @ S.R. 73	Union	99
B-781	03050107060	Mitchell Creek @ S.R. 19	Union	99,04
B-782	03050107010	Bens Creek @ SC 417	Spartanburg	99,04
B-783	03050105170	Buck Creek @ Peach Shed Rd.	Spartanburg	99,04
B-784	03050107040	Beaverdam Creek @ SC 357	Spartanburg	99,04
B-785	03050108020	Cedar Shoals Creek above confluence w/Enoree	Spartanburg	99,04
B-786	03050107050	Jimmies Creek @ Stewart Road	Spartanburg	99,04
B-787	03050107010	Fergerson Creek @ S.R. 86	Spartanburg	99,04
B-788	03050105090	Bowen River @ S.R. 83	Cherokee	99,04
B-789	03050105090	Goforth Creek S.R. 577	Cherokee	99,04
B-790	03050105160	Motlow Creek S.R. 888	Spartanburg	99,04
B-791	03050105150	Obed Creek @ S.R. 42	Spartanburg	99,04
B-792	03050108010	Abeners Creek Bennetts Ridge Road	Spartanburg	99,04
B-793	03050108010	Horse Pen Creek @ SR 145	Greenville	99,04
B-794	03050107040	Middle Tyger River @ Red Turner Rd.	Greenville	99,04
B-795	03050108010	Buckhorn Creek @ SR 562	Greenville	99
B-796	03050108010	Beaverdam Creek @ SC 253	Greenville	99,04
B-797	03050108010	Enoree River @ Pine Log Ford Rd.	Greenville	99
B-798	03050108010	Brushy Creek @ SR 273	Greenville	99
B-799	03050108050	Kings Creek @ US 176	Newberry	99,04
B-800	03050106060	Crims Creek@ SC 213	Newberry	99,04
B-801	03050106060	Wateree Creek @ SR 698	Richland	99,04

RANDOM SITES

RS-01036	Goodbys Swamp @ US 176	Orangeburg	01
RS-01013	Deep Creek @ SC 9	Chesterfield	01
RS-01058	South Fork of Wildcat Creek	Lancaster	01
RS-01028	Thickety Creek @ SR 104	Cherokee	01

RANDOM SITES (CONT.)

RS-01057	Dunkan Creek @ SR 26	Laurens	01
RS-01034	Rocky Springs Creek @ SR 264	Aiken	01
RS-01012	Rawls Creek @ SR 175	Lexington	01
RS-01044	Bush River @ SC 395	Newberry	01
RS-01049	Calhoun Creek @ SC 28	Abbeville	01
RS-02488	Sanders Branch @ Paved Road off SC 363N	Hampton	02
RS-02472	Wells Branch @ SC 300	Allendale	02
RS-02480	Shaw Creek @ SC 191	Aiken	02
RS-02478	Little River @ SR 308	Abbeville	02
RS-02462	Grove Creek @ SR 52	Greenville	02
RS-02311	Boggy Swamp @ SR 50	Darlington	02
RS-03347	Deep Creek @ SR 25	Clarendon	03
RS-03356	Wolf Creek @ SR 24	Colleton	03
RS-03520	Ashepoo River @ SR 88	Colleton	03
RS-03518	Trib. To McTier Creek @ Alberta Reach Road	Aiken	03
RS-03344	Hillyer Branch @ Hillyer Branch Road off SR 75	Edgefield	03
RS-03342	Doctor's Branch @ SR 21	McCormick	03
RS-03510	Unnamed Trib. To Baker Creek @ SR-329	McCormick	03
RS-03346	Rocky Creek @ SC 254	Greenwood	03
RS-03506	Charles Creek @ Ridge Road	Anderson	03
RS-03514	Obed Creek @ Christopher Road off SC 11	Spartanburg	03
RS-03352	Ross Creek @ SR 63	Cherokee	03
RS-03349	Susybole Creek @ SR 59	York	03
RS-03511	Greene Creek @ SR 465	Chester	03
RS-03517	unnamed Trib. To Crims Creek @ SR 25	Newberry	03
RS-03345	Brunson Swamp Creek @ SR 251	Sumter	03
RS-03507	Boggy Swamp @ SR 50	Darlington	03
RS-04537	Unnamed Trib. To Four Hole Swamp	Orangeburg	04
RS-04533	Spring Gully Swamp @ US 521	Williamsburg	04
RS-04526	Mudlick Creek @ dirt Rd. off SR 22	Newberry	04
RS-04530	Middle Saluda upstream of Oil Camp Creek	Greenville	04
RS-04527	McClure Creek @ SC 215	Fairfield	04
RS-04544	Trib. To Savanah @ River Rapids Sub. Div.	Aiken	04
RS-04523	Little Aligator Creek @ US 1	Chesterfield	04
RS-04389	Warley Creek @ SR 287	Calhoun	04
RS-04521	Buckhead Creek @ SR 151	Calhoun	04
RS-04376	Little Thicketty Creek @ SR 307	Orangeburg	04
RS-04364	Broad Mouth Creek @ SR 265	Anderson	04
RS-04380	Trib. To Chauga River @ SR 142	Oconee	04
RS-05399	Bennetts Branch @ SR 351	Clarendon	05
RS-05562	Turkey Crk @ SR 41	York	05
RS-05574	Rocky Branch @ SR 177	Greenwood	05
RS-05398	West Crk @ SR 105	Saluda	05
RS-05566	Beaver Dam Crk @ SR 399	Laurens	05
RS-05578	Brushy Crk @ Bushy Crk Road	Spartenburg	05
RS-05586	Unnamed Trib. to Johnson Crk @ SR 352	Abbeville	05
RS-05412	Snow Crk @ SR 51	Oconee	05

G. Fish Tissue Monitoring Site Descriptions

STATION	DESCRIPTION	COUNTY
	BROAD RIVER BASIN	
CL-100	**LAKE ROBINSON**	**GREENVILLE**
B-341	LAKE CUNNINGHAM	GREENVILLE
B-114	**LAKE BOWEN NEAR SC 9**	**SPARTANBURG**
B-772	LAKE BLALOCK	SPARTANBURG
B-348	LAKE COOLEY	SPARTANBURG
B-050	TYGER RIVER @ BEATY'S BRIDGE	UNION
B-653	PACOLET RIVER @ SC 18	CHEROKEE
B-222	**BROAD RIVER @ SEC RD 43 "PICK HILL ACCESS"**	**CHEROKEE**
B-811	BROAD RIVER @ 99 ISLAND	CHEROKEE
B-734	BROAD RIVER @ NEIL SHOALS	CHESTER
B-812	SANDY AND BROAD RIVER	CHESTER
B-738	CHESTER CITY POND	CHESTER
B-345	**PARR RESERVOIR**	**NEWBERRY**
B-328	LAKE MONTICELLO SUBIMPOUNDMENT	FAIRFIELD
B-327	**LAKE MONTICELLO**	**FAIRFIELD**
B-311	**BROAD RIVER @ I-20**	**RICHLAND**
	CATAWBA-WATEREE BASIN	
CW-197	**LAKE WYLIE ABOVE MILL CREEK**	**YORK**
CW-201	LAKE WYLIE @ EBENEZER LANDING	YORK
CW-016	**CATAWBA RIVER @ SC 9**	**LANCASTER**
CW-133	FISHING CREEK RES. NEAR CANE CR. LANDING	LANCASTER
CW-057	**FISHING CREEK RESERVOIR NEAR DAM**	**CHESTER**
CW-033	**CEDAR CREEK RESERVOIR**	**FAIRFIELD**
CW-034	**CEDAR CREEK RESERVOIR TAILRACE**	**LANCASTER**
CW-207	**LAKE WATEREE NEAR SEC RD 291**	**FAIRFIELD**
CW-209	LAKE WATEREE NEAR DAM	KERSHAW
CW-039	WATEREE RIVER BELOW LAKE WATEREE DAM	KERSHAW
CW-214	**WATEREE RIVER @ I-20**	**KERSHAW**
CW-206	**WATEREE RIVER @ US 378/76**	**SUMTER**
	BIG LAKE @ SUMTER WATEREE HUNT CLUB	SUMTER
	CONGAREE RIVER BASIN	
C-007A	CONGAREE RIVER NEAR BARNEY JORDAN RAMP	RICHLAND
C-007F	CONGAREE RIVER BETWEEN ST HWY 378 & US 601	RICHLAND
C-007	**CONGAREE RIVER @ US 601**	**CALHOUN**
C-017	GILLS CREEK @ SC 48 BLUFF RD	RICHLAND
C-046	**SESQUICENTENNIAL STATE PARK**	**RICHLAND**
	EDISTO RIVER BASIN	
E-599	SOUTH EDISTO RIVER @ HWY 21	AIKEN
E-585	**SOUTH EDISTO RIVER @ AIKEN STATE PARK**	**AIKEN**
E-600	SOUTH EDISTO RIVER @ KEADLE'S BRIDGE	AIKEN
E-011	SOUTH EDISTO RIVER @ HWY 39 LANDING	BARNWELL
E-501	SOUTH EDISTO RIVER @ SC 365	BAMBERG
E-500	SOUTH EDISTO RIVER @ BOBCAT LANDING	BAMBERG

Primary sites sampled each year are indicated in **BOLD**

STATION	DESCRIPTION	COUNTY
E-102	SOUTH EDISTO RIVER @ BRABHAM'S LANDING	BAMBERG
E-704	NORTH EDISTO RIVER @ SLAB LANDING	ORANGEBURG
E-007	NORTH EDISTO RIVER @ ORANGEBURG CITY	ORANGEBURG
E-007C	NORTH EDISTO RIVER @ LIVINGSTON RAMP	ORANGEBURG
E-008	NORTH EDISTO RIVER @ SEC RD 39	ORANGEBURG
E-008A	NORTH EDISTO RIVER @ KILL KARE	ORANGEBURG
E-013	EDISTO RIVER @ ZIG ZAG LANDING	BAMBERG
E-014	**EDISTO RIVER @ US 15 (T COKE WEEKS LDG..)**	**DORCHESTER**
E-601	EDISTO RIVER @ MARS OLDFIELD	COLLETON
E-112	FOUR HOLES SWAMP	DORCHESTER
E-015	**EDISTO RIVER @ SC 61 (GIVHANS FERRY LDG.)**	**DORCHESTER**
E-602	EDISTO RIVER @ GOOD HOPE LANDING	COLLETON
E-087	EDISTO RIVER @ SULLIVANS FERRY	COLLETON
CSTL-589	EDISTO RIVER ABOVE HWY 17 (MARTIN'S LDG..)	CHARLESTON
MD-119	**EDISTO R. BELOW HWY 17 (WEST BANK LDG..)**	**COLLETON**
CSTL-590	EDISTO RIVER @ WILLTOWN BLUFF	CHARLESTON
CSTL-591	PENNY CREEK	CHARLESTON
CSTL-566	LITTLE SALKEHATCHIE @ SC 70	BAMBERG
CSTL-120	**LITTLE SALKEHATCHIE @ SEC RD 63**	**COLLETON**
E-603	SALKEHATCHIE RIVER @ RAY'S CROSSING	BARNWELL
CSTL-048	SALKEHATCHIE RIVER @ HWY 301	BAMBERG
CSTL-105	SALKEHATCHIE RIVER @ SC 641	BAMBERG
CSTL-562	SALKEHATCHIE RIVER @ US 601	HAMPTON
CSTL-561	**COMBAHEE RIVER @ SEC RD 756**	**COLLETON**
CSTL-048	**COMBAHEE R. ABOVE HWY 17 (STEEL BRIDGE)**	**BEAUFORT**
CSTL-077	**COOSAWHATCHIE RIVER @ SEC RD 36**	**JASPER**
E-059	FOUR HOLE SWAMP @ SEC RD 19	CALHOUN
E-048	FOUR HOLE SWAMP @ US 301	ORANGEBURG
CSTL-071	HORSESHOE CREEK @ PRICE'S BRIDGE	COLLETON
CSTL-592	CUCKHOLD'S CREEK	COLLETON
CSTL-069	**ASHEPOO RIVER @ HWY 17**	**COLLETON**
MD-251	ASHEPOO RIVER ABOVE BEAR ISLAND	COLLETON
CSTL-070	CHESSIE CREEK @ CHESSIE LANDING	COLLETON
CSTL-560	ASHLEY RIVER @ DORCHESTER STATE PARK	DORCHESTER

ESTUARY SITES

MD-785	**UPPER CAPE ROMAIN**	**CHARLESTON**
MD-786	**LOWER CAPE ROMAIN NEAR MUDDY BAY**	**CHARLESTON**
MD-787	**LOWER CAPE ROMAIN NEAR WHITE BANKS**	**CHARLESTON**
MD-788	**CHARLESTON HARBOR**	**CHARLESTON**
MD-789	**ASHLEY RIVER**	**CHARLESTON**
MD-790	**LOWER WANDO RIVER**	**CHARLESTON**
MD-791	**ACE BASIN NEAR EDISTO BEACH**	**COLLETON**
MD-792	**ACE BASIN NEAR COMBAHEE RIVER**	**COLLETON**
	COOPER RIVER	**CHARLESTON**

PEE DEE RIVER BASIN

PD-040	TURKEY CREEK	SUMTER
PD-043	**POCOTALIGO RIVER @ SEC RD 50**	**CLARENDON**

Primary sites sampled each year are indicated in **BOLD**

STATION	DESCRIPTION	COUNTY
PD-327	**LAKE HB ROBINSON**	**CHESTERFIELD**
PD-071	**LYNCHES RIVER @ HWY 15**	**LEE**
PD-364	LYNCHES RIVER @ SC 401	LEE
PD-624	**LYNCHES RIVER @ US 52**	**FLORENCE**
PD-048	LYNCHES RIVER @ JOHNSONVILLE	FLORENCE
MD-124	WACCAMAW RIVER @ SC HWY 9	HORRY
CSTL-553	**WACCAMAW RIVER @ SC 31**	**HORRY**
CSTL-554	WACCAMAW RIVER @ SEC RD 105	HORRY
CSTL-555	WACCAMAW RIVER @ SEC RD 901	HORRY
CSTL-556	WACCAMAW RIVER @ PITCH LANDING	HORRY
MD-144	**WACCAMAW RIVER @ TODDVILLE**	**HORRY**
MD-145	WACCAMAW RIVER @ BUCKSVILLE	HORRY
MD-136	WACCAMAW RIVER @ PEACH TREE	HORRY
CSTL-557	**WACCAMAW RIVER @ BUCKSPORT LANDING**	**HORRY**
MD-138	WACCAMAW RIVER @ WACCA WACHE LANDING	GEORGETOWN
MD-140	WACCAMAW RIVER @ SANDY ISLAND	GEORGETOWN
MD-141	**WACCAMAW RIVER @ HAGLEY LANDING**	**GEORGETOWN**
MD-163	INTRACOASTAL WATERWAY @ NORTH MYRTLE	HORRY
CSTL-558	**INTRACOASTAL WATERWAY @ SOCASTEE**	**HORRY**
PD-012	**GREAT PEE DEE RIVER @ SC 9/US 1**	**CHESTERFIELD**
PD-015	GREAT PEE DEE RIVER @ SOCIETY HILL	MARLBORO
PD-242	GREAT PEE DEE RIVER @ BLUE'S LANDING	MARLBORO
PD-028	**GREAT PEE DEE RIVER @ SC 34**	**DARLINGTON**
PD-267	PRESTWOOD LAKE (SONOVISTA PARK)	DARLINGTON
PD-666	LOUTHER'S LAKE (WHIPPLES RAMP)	DARLINGTON
PD-623	**BLACK CREEK @ SC 327**	**FLORENCE**
PD-337	**GREAT PEE DEE RIVER @ HWY 301**	**MARION**
PD-622	GREAT PEE DEE RIVER @ DEWITT BLUFF	FLORENCE
PD-662	GREAT PEE DEE RIVER @ BOSTICK	FLORENCE
PD-076	GREAT PEE DEE RIVER @ POSTON (ELLISON'S)	FLORENCE
PD-621	**GREAT PEE DEE RIVER @ STAPLES LAKE**	**WILLIAMSBURG**
PD-317	CLARKS CREEK @ SNOW LAKE	WILLIAMSBURG
CSTL-559	**GREAT PEE DEE R. ABOVE HWY 701 BRIDGE**	**HORRY**
PD-060	GREAT PEE DEE RIVER @ PETER'S FIELD	GEORGETOWN
PD-663	**GREAT PEE DEE RIVER @ SAMWORTH WMA**	**GEORGETOWN**
PD-283	LITTLE PEE DEE RIVER @ MOCOCASIN'S BLUFF	DILLON
PD-030A	LITTLE PEE DEE RIVER @ DILLON COUNTY PARK	DILLON
PD-618	**LITTLE PEE DEE RIVER @ FLOYDALE BRIDGE**	**DILLON**
PD-664	**LUMBER RIVER @ CAUSEY LANDING**	**HORRY**
PD-038	**LUMBER RIVER @ RICEFIELD COVE**	**HORRY**
PD-053	LITTLE PEE DEE RIVER @ GILCREST LANDING	MARION
PD-654	LITTLE PEE DEE RIVER @ RED BLUFF	MARION
PD-054	LITTLE PEE DEE RIVER @ SANDY BLUFF	HORRY
PD-619	**LITTLE PEE DEE RIVER @ GALAVANTS FERRY**	**MARION**
PD-655	LITTLE PEE DEE RIVER @ DAVIS LANDING	MARION
PD-656	LITTLE PEE DEE RIVER @ LOCUST TREE LANDING	MARION
PD-657	LITTLE PEE DEE RIVER @ GUNTER'S LAKE	HORRY
PD-691	LITTLE PEE DEE RIVER @ HUGHES LANDING	HORRY
PD-620	**LITTLE PEE DEE RIVER @ HWY 378**	**HORRY**
PD-658	LITTLE PEE DEE RIVER @ SAMPSON LANDING	MARION
PD-350	**LITTLE PEE DEE R. @ PUNCHBOWL LANDING**	**HORRY**

Primary sites sampled each year are indicated in **BOLD**

STATION	DESCRIPTION	COUNTY
PD-665	RUSS CREEK @ PARKERS LANDING	MARION
PD-626	**BLACK RIVER @ PUMPHOUSE LANDING**	**WILLIAMSBURG**
PD-044	BLACK RIVER @ KINGSTREE	WILLIAMSBURG
PD-172	MINGO CREEK	GEORGETOWN
PD-046	BLACK RIVER @ PINE TREE LANDING	GEORGETOWN
PD-692	BLACK RIVER @ PEA HOUSE LANDING	GEORGETOWN
PD-659	**BLACK RIVER @ OLD PUMP STATION**	**GEORGETOWN**
PD-170	BLACK RIVER @ BROWN'S FERRY	GEORGETOWN
PD-660	BLACK RIVER @ ROCKY POINT	GEORGETOWN
PD-171	BLACK RIVER @ PETER'S CREEK	GEORGETOWN
PD-661	**BLACK RIVER @ PRINGLE'S FERRY**	**GEORGETOWN**
PD-628	**SAMPIT RIVER @ INTERNATIONAL PAPER**	**GEORGETOWN**

SALUDA BASIN

S-169	**SALUDA R. @ PELZER "TIMMERMAN RAMP"**	**ANDERSON**
S-125	SALUDA RIVER @ US 25 BYPASS	GREENWOOD
S-296	LAKE RABON	LAURENS
S-131	**LAKE GREENWOOD @ US 221**	**GREENWOOD**
S-215	LAKE GREENWOOD @ END OF SEC RD 453	NEWBERRY
S-047	SALUDA RIVER ABOVE ST HWY 121	NEWBERRY
S-105	**SALUDA RIVER @ SC 395**	**NEWBERRY**
S-223	**LAKE MURRAY @ SC 391**	**SALUDA**
S-273	**LAKE MURRAY @ DAM**	**LEXINGTON**
S-152	SALUDA RIVER BELOW LAKE MURRAY DAM	LEXINGTON

SANTEE BASIN

C-007K	LAKE MARION @ TREZVANT'S LANDING	CALHOUN
ST-529	**LAKE MARION @ LOW FALLS LANDING**	**CALHOUN**
C-057	LAKE MARION @ DANIELS 4H CAMP	CALHOUN
ST-519	**LAKE MARION @ RIMINI**	**SUMTER**
ST-024	**LAKE MARION @ WYBOO CREEK**	**CLARENDON**
ST-027	LAKE MARION @ DAM	CLARENDON
ST-532	SANTEE RIVER BELOW LAKE MARION (WILSONS)	BERKELEY
ST-528	**SANTEE RIVER @ US 52 (HWY 52 LANDING)**	**WILLIAMSBURG**
ST-001	**SANTEE RIVER @ SC 41/US 17A**	**BERKELEY**
ST-005	**NORTH SANTEE RIVER @ POLE YARD**	**GEORGETOWN**
CSTL-112	WAMBAW CREEK (STILL'S LANDING)	CHARLESTON
ST-006	**SOUTH SANTEE RIVER ABOVE US 701/17**	**CHARLESTON**
CSTL-586	WADMACON CREEK @ SANDHOLE	GEORGETOWN
CSTL-587	WADMACON CREEK @ THE BLUFF	GEORGETOWN
CSTL-593	NORTH SANTEE RIVER @ HARRIS LANDING	GEORGETOWN
CSTL-079	**DIVERSION CANAL**	**BERKELEY**
ST-031	REDIVERSION CANAL	BERKELEY
ST-530	LAKE MOULTRIE @ FRED L. DAY LANDING	BERKELEY
ST-531	**LAKE MOULTRIE @ HATCHERY LANDING**	**BERKELEY**
CSTL-080	**LAKE MOULTRIE @ DAM**	**BERKELEY**
CSTL-062	**COOPER RIVER @ US 17A**	**BERKELEY**
CSTL-113	WADBOO CREEK @ REMBERT C. DENNIS RAMP	BERKELEY
MD-217	**DURHAM CREEK**	**BERKELEY**

Primary sites sampled each year are indicated in **BOLD**

STATION	DESCRIPTION	COUNTY
CSTL-564	**EAST FORK OF COOPER R. NEAR QUINBY CR.**	**BERKELEY**
MD-152	BACK RIVER RESERVOIR	BERKELEY
MD-042	**COOPER RIVER @ BUSHY PARK**	**BERKELEY**
ST-032	**GOOSE CREEK RESERVOIR**	**BERKELEY**
	SAVANNAH BASIN	
SV-199	CHATTOOGA RIVER	OCONEE
SV-201	CHAUGA RIVER	OCONEE
SV-599	**TUGALOO LAKE**	**OCONEE**
CL-015	**LAKE YONAH**	**OCONEE**
CL-018	LAKE JOCASSEE TOXAWAY RIVER ARM	OCONEE
SV-313	**LAKE JOCASSEE @ END OF SEC RD 25**	**OCONEE**
SV-229A	LAKE KEOWEE @ SEC RD 44 (FALL CR. ACCESS)	OCONEE
SV-311	**LAKE KEOWEE @ CANE CREEK ACCESS**	**OCONEE**
CL-017	**LAKE KEOWEE AT NUCLEAR PLANT NEAR DAM**	**OCONEE**
SV-234	CHAUGA RIVER @ TUGALOO R. (TABOR ACCESS)	OCONEE
SV-107	**LAKE HARTWELL @ 12 MILE CREEK**	**PICKENS**
SV-106	**LAKE HARTWELL @ MARTIN CREEK**	**PICKENS**
SV-799	LAKE HARTWELL @ CONEROSS CREEK	OCONEE
SV-642	LAKE HARTWELL @ DAM	ANDERSON
CL-005	**LAKE SECESSION @ DAM**	**ABBEVILLE**
SV-259	BROADWAY LAKE	ANDERSON
SV-100	LAKE RUSSELL ST HWY 181	ANDERSON
CL-096	**LAKE RUSSELL @ VAN CREEK**	**ABBEVILLE**
CL-097	**LAKE RUSSELL @ DAM**	**ABBEVILLE**
CL-040	**LAKE THURMOND @ BOBBY BROWN STATE PK**	**MCCORMICK**
SV-699	LITTLE RIVER @ SC 81	MCCORMICK
SV-057	LONG CANE CREEK (LAKE THURMOND)	MCCORMICK
CL-041	LAKE THURMOND @ DAM	MCCORMICK
SV-688	**SAVANNAH RIVER ABOVE STEVENS CREEK**	**EDGEFIELD**
SV-800	SAV. RIVER @ NORTH AUGUSTA RIVERSIDE PK.	AIKEN
SV-531	**LANGLEY POND**	**AIKEN**
SV-685	VAUCLUSE POND	AIKEN
SV-691	**SAVANNAH RIVER @ JACKSON LANDING**	**AIKEN**
SV-801	SAVANNAH RIVER @ STEEL CREEK	BARNWELL
SV-690	**SAVANNAH RIVER @ LITTLE HELL LANDING**	**ALLENDALE**
SV-802	SAVANNAH RIVER @ COHEN'S BLUFF	ALLENDALE
SV-803	SAVANNAH RIVER @ JOHNSON'S LANDING	ALLENDALE
SV-687	**SAVANNAH RIVER @ STOKES BLUFF LANDING**	**HAMPTON**
SV-804	SAVANNAH RIVER @ B & C LANDING	JASPER
SV-209	SAVANNAH RIVER @ BECK'S FERRY	JASPER
SV-805	SAVANNAH RIVER @ MILLSTONE LANDING	JASPER
MD-118	**NEW RIVER @ SC 170**	**JASPER**

Primary sites sampled each year are indicated in **BOLD**

H. Shellfish Station Descriptions Listed by Area

Shellfish Management Area 01
WATER QUALITY SAMPLING STATIONS DESCRIPTION

Station	Shellfish Station Description
01-01	Little River Jetty
01-02	Mouth of Dunn Sound Creek
01-05	Big bend up Dunn Sound Creek
01-06	Bridge to Waites Island
01-07	Hog Inlet
01-17	42nd Avenue - Cherry Grove
01-17A	53rd Avenue Bridge on Canal
01-18	Dunn Sound at Hog Inlet
01-19	53rd Avenue at Main Creek

(9 Active)

Shellfish Management Area 02
WATER QUALITY SAMPLING STATIONS DESCRIPTION

Station	Shellfish Station Description
02-01	White Point Swash
02-02	Singleton Swash
02-03	Canepatch Swash

(3 Active)

Shellfish Management Area 03
WATER QUALITY SAMPLING STATIONS DESCRIPTION

Station	Shellfish Station Description
03-01	Withers Swash
03-02	Midway Swash - Pebble Beach

(2 Active)

Shellfish Management Area 04
WATER QUALITY SAMPLING STATIONS DESCRIPTION

Station	Shellfish Station Description
04-01	Main Creek at Atlantic Avenue Bridge
04-02	Main Creek at Mickey Spillane's Home
04-03A	In Main Creek, on the Southeast Side of the Prohibited Area near Captain dick's Marina
04-03B	In Main Creek, on the Northwest Side of the Prohibited Area Near Captain Dick's Marina
04-04A	Garden City Canal due east of Flagg Creek
04-04B	Northern boundary of Marlin Quay Marina closure zone in Main Creek
04-04C	Western boundary of Marlin Quay Marina closure zone in Main Creek
04-05	Murrells Inlet - Range Marker
04-06	Allston Creek at Weston Flat
04-07	Allston Creek Public Oyster Ground - Hughes Landing
04-08	Parsonage Creek at Nance's Dock
04-08A	Oyster (Carr) Landing at Huntington Beach Station Park
04-09	Clubhouse Creek at Litchfield Boulevard Bridge
04-10	Shell Avenue and Pawley's Island Creek
04-11	North Causeway Bridge at Pawley's Island Creek
04-12	South Causeway Bridge at Pawley's Island Creek
04-13	Pawley's Inlet
04-14	Dock - End of Sportsman Boulevard
04-15	Midway Inlet
04-16	Parsonage Creek at Chicken Farm Ditch
04-17A	Southwest Corner of the Voyager View Marina Prohibited Zone in Parsonage Creek
04-18	North Boundary of Clambank Flats POG
04-19	Clubhouse Creek - First Bend South of Salt Marsh Cove
04-21	South Pawley's Island Boat Landing
04-23	Main Creek at Oyster Cover
04-24	Oaks Creek at First Curve
04-25	Main Creek at Flagg Creek
04-26	Garden City Canal at the "Old Boat Wreck"
04-27	Main Creek, Opposite Entrance to Mt. Gilead Canal
04-28	Oak's Creek, Approx. 150 Meters from the Huntington Beach State Park Causeway
04-29	Oyster Cove, South Branch
04-30	Oyster Cove, North Branch
04-31	Woodland Creek, 100 meters east of mainland

(33 Active)

Shellfish Management Area 05
WATER QUALITY SAMPLING STATIONS DESCRIPTION

Station	Shellfish Station Description
05-01	Jones Creek at Nancy Creek
05-02	Noble Slough
05-03	North Inlet
05-04	Town Creek at Debidue Creek
05-05	Oyster Bay near Cutoff Creek
05-06	No Man's Friend Creek at Mud Bay
05-07	Jones Creek at Mud Bay
05-08	Town Creek at Sixty Bass Creek
05-09	Town Creek at Southern Reach of Clambank Creek
05-10	Jones Creek at Duck Creek
05-11	Town Creek at Bread and Butter Creek
05-12	Old Man Creek and Sea Creek Bay
05-13	Debidue Creek at Boat Basin
05-14	Mid Channel Island, Bly Creek
05-15	Debidue Creek and Cooks Creek
05-16	Debidue Creek and Bass Hole Bay
05-20	Winyah Bay Main Channel, Buoy 19a, Range E
05-21	Winyah Bay Main Channel, Buoy 17, Range E
05-24	Winyah Bay Main Channel, Coast Guard Dock, Range C
05-25	Winyah Bay, Tip of Western Channel Island

(20 Active)

Shellfish Management Area 06A
WATER QUALITY SAMPLING STATIONS DESCRIPTION

Station	Shellfish Station Description
06A-01	South Santee River at Alligator Creek
06A-01A	South Santee River near the midpoint of Grace Island
06A-02	South Santee Inlet
06A-03	North Santee River at Beach Creek
06A-04	North Santee Inlet
06A-04A	North Santee Bay - E of Cane Island
06A-04B	North Santee River - SW of Cane Island
06A-04C	North Santee River near the northwestern tip of Cane Island
06A-05	North Santee River and Mosquito Creek
06A-11	Atlantic Intracoastal Waterway at Minum Creek

(10 Active)

Shellfish Management Area 06B
WATER QUALITY SAMPLING STATIONS DESCRIPTION

Station	Shellfish Station Description
06B-06	Alligator Creek and Ocean Inlet
06B-07	Alligator Creek at Marker #26
06B-08	Casino Creek at Marker #29
06B-09	Dupree Creek - 500 feet N. of new dock (South of Marker #30)
06B-10	AIWW at Marker #32
06B-12	Alligator Creek State Shellfish Ground
06B-14	Horsehead Creek at confluence w/Cape Romain Harbor
06B-15	Casino Creek at Cape Romain Harbor
06B-16	Casino Creek midway between Stations 19 and 24 (at small unnamed creek on right, southbound)
06B-17	Congaree Creek at Tower Creek
06B-18	Confluence of Dupree Creek and Clubhouse Creek
06B-19	Confluence of Casino Creek and Skrine Creek
06B-20	1,000 yards up Dupree Creek from Clubhouse Creek
06B-21	Confluence of Alligator Creek and Ramhorn Creek
06B-22	Confluence of Ramhorn Creek and Mill Creek
06B-23	Confluence of Skrine Creek and Congaree Boat Creek
06B-24	Confluence of Casino Creek and Congaree Boat Creek
06B-25	Confluence of Horsehead Creek and Unnamed Creek at lower end of Horsehead Island
06B-26	Confluence of Skrine Creek and unnamed creek north of Muddy Bay
06B-27	Confluence of the first large creek on the left, with Congaree Boat Creek, traveling SE of Station #23

(20 Active)

Shellfish Management Area 07
WATER QUALITY SAMPLING STATIONS DESCRIPTION

Station	Shellfish Station Description
07-01	Venning Creek - adjacent to Marker #67
07-01A	Venning Creek at Bulls Bay
07-02	Graham Creek at Marker #64
07-02A	Graham Creek and Bulls Bay
07-03	Awendaw Creek at Marker #57
07-04	Harbor River at Marker #48
07-04A	Harbor River at Bulls Bay
07-05	Tibwin Creek at Marker #42
07-06	Five Fathom Creek at Marker #20
07-06A	Five Fathom Creek at Bull River
07-08	Clubhouse Creek-1/4 mile north of Five Fathom Creek
07-08A	Oyster Bay at Muddy Bay
07-09	Confluence of Doehall Creek with AIWW - north of Marker #46
07-11	Five Fathom Creek at Marker #11
07-12	Confluence of Raccoon Creek and Romain River
07-13	Romain River at confluence of "S" Creek
07-16	Confluence of Romain River & Santee Path Creek
07-17	Second small creek north of Marker #26 in Five Fathom Creek
07-18	Marker #65 in AIWW
07-19	AIWW at Confluence with Unnamed Creek, 1.5 miles Southwest of Graham Creek
07-20	Bulls Bay - 1,000ft from Confluence with Graham Creek

(21 Active)

Shellfish Management Area 08
WATER QUALITY SAMPLING STATIONS DESCRIPTION

Station	Shellfish Station Description
08-01	Morgan Creek at northernmost confluence with AIWW - adjacent to Marker #115
08-02	Hamlin Sound
08-03	Dewees Inlet at AIWW - North of Marker #110
08-04	Bull Yard Sound - Marker #104
08-05	Whiteside Creek - Marker #96
08-06	Mark Bay - Marker #90
08-07	Price's Inlet
08-09	Moore's Landing Dock - At Marker #74
08-10	Marker #116 north of Isle of Palms STP outfall in AIWW
08-13	Seewee Bay POG - Seewee Bay at Hickory Bay
08-14	Dewees Island - 1/4 mile up Horsebend Creek
08-15	Dewees Island - Mouth of Watermelon Creek
08-16	Confluence of Seven Reaches and Gray Bay
08-17	S.W. Copahee Sound at Porcher Bluff Creek
08-18	One-half mile up Cedar Creek from Dewees Inlet
08-19	Confluence of Toomer Creek at Copahee Sound
08-20	Upper reaches Whiteside Creek
08-21	Upper reaches Clawson Creek
08-22	Confluence of Capers Creek and Santee Pass
08-24	Anderson Creek at main fork above confluence with Bulls Bay
08-25	Palmetto Point Creek (adjacent to Marker #84)

(21 Active)

Shellfish Management Area 09A
WATER QUALITY SAMPLING STATIONS DESCRIPTION

Station	Shellfish Station Description
09A-01	Hamlin Creek at its confluence with AIWW
09A-02	Upper end of Hamlin Creek at POG
09A-03	Upper end of Swinton Creek
09A-05	Shortcut - Swinton Creek
09A-06	Inlet Creek and Gentide Creek
09A-07	Inlet Creek at its confluence with AIWW
09A-09	Ben Sawyer Bridge
09A-11	End of 10th Street at Hamlin Creek
09A-14	Swinton Creek at its confluence with AIWW
09A-17	Conch Creek State Shellfish Ground - Mt. Pleasant side
09A-17A	Conch Creek State Shellfish Ground - Sullivans Island side
09A-18	AIWW adjacent to Wild Dunes Golf Course storm drainage outfall
09A-19	AIWW at 25th Street - Isle of Palms
09A-20	Conch Creek at Lofton Creek
09A-23	Upper reaches of Conch Creek
09A-24	Upper reaches of Inlet Creek
09A-25	Upper reaches of Swinton Creek
09A-26	Hamlin Creek 1/2 way between Stations 1 and 2
09A-27	Inlet Creek west of AIWW at first bend
09A-28	Swinton Creek west of AIWW at second bend
09A-29	Lower Hamlin Creek at site of new bridge (Isle of Palms Connector)
09A-30	Upper Inlet Creek at Jennie Creek
09A-31	Bay at end of upper Inlet Creek
09A-32	First creek on right downstream from Station 6
09A-33	First large creek up Inlet Creek from Station 8
09A-34	AIWW at confluence with Sullivans Island Narrows (across from ECOMC dock)
09A-35	300 yards upstream from Station 6
09A-36	Conch Creek at its confluence with AIWW
09A-37	Lower Conch Creek at Marina Closure Zone

(29 Active)

Shellfish Management Area 09B
WATER QUALITY SAMPLING STATIONS DESCRIPTION

Station	Shellfish Station Description
09B-01	Wando River at Nowell Creek
09B-02	Wando River at Horlbeck Creek
09B-04	Wando River at Deep Creek
09B-05	Wando River opposite Big Paradise Island
09B-07	Boone Hall Creek opposite County Recreation Area
09B-08	Wando River at Marker #29
09B-09	Deep Creek - 1 mile from confluence with Wando River
09B-11	Wando River at Guerin Creek
09B-12	Guerin Creek at Old House Creek
09B-15	New bridge- Route I-526
09B-16	Confluence of Martin Creek and Nowell Creek
09B-17	Wando River midway between Stations 3 and 11(at old dry dock)
09B-18	Rat Hall Creek at confluence with Wando River.
09B-19	Foster Creek at Confluence with Wando River
09B-21	Horlbeck Creek at power line crossing

(15 Active)

Shellfish Management Area 10A
WATER QUALITY SAMPLING STATIONS DESCRIPTION

Station	Shellfish Station Description
10A-02	Folly Creek Bridge
10A-03	Bowen Island Dock in Folly Creek
10A-04	Backman Creek at Folly Creek
10A-05	King Flats and Folly Creek
10A-06	Opposite Little Island in Folly Creek
10A-07	North boundary of Prohibited Area at Folly Marina
10A-08	Folly River Bridge
10A-09	Last dock north in Folly River
10A-10A	Robbins Creek at the first bend upstream from Cutoff Reach
10A-11	Rat Island Creek at confluence with first creek on left from Lighthouse Creek
10A-13	Lighthouse Creek at confluence with Folly Creek
10A-15	Secessionville Creek at private docks
10A-15A	Folly Creek at confluence with Secessionville Creek
10A-16	Clark Sound at Ocean View Flats
10A-16A	Fludd's Creek at Clark Sound
10A-18	Mouth of Schooner Creek
10A-19	Just inside Clark Sound from Schooner Creek
10A-22	Folly River State Shellfish Ground opposite Folly Island
10A-23	Lighthouse Creek State Shellfish Ground at mouth of First Sister Creek
10A-24	Cole Creek State Shellfish Ground
10A-26	Just seaward of confluence of Lighthouse Creek and Folly River in Lighthouse Creek
10A-29	Outfall of Morris Island discharge
10A-30	Second bend in Rathall Creek
10A-31	Upper reaches of Rat Island Creek NW of Station 11
10A-32	Block Isl. Creek - 100 yds S. of split from spoil area
10A-33	Confluence of Lighthouse Creek and Clark Sound
10A-34	The first dock in Secessionville Creek at its confluence with Clark Sound
10A-35	Right fork of Schooner Creek, middle of Docks, across from Parrot Point Development

(28 Active)

Shellfish Management Area 11
WATER QUALITY SAMPLING STATIONS DESCRIPTION

Station	Shellfish Station Description
11-01	Elliott Cut at Stono River
11-02	Stono Bridge at S. C. Highway 700
11-02A	Stono River - southern boundary of the marina closure zone, south of Hwy. 700 Bridge
11-03	Docks between Markers 10 & 11 in Stono River
11-05	Mouth of Abbapoola Creek
11-06	Abbapoola Creek at first large bend
11-06A	Abbapoola Creek at Confluence with Small Creek on West Bank at Seventh Bend
11-07	Green Creek at Stono River
11-07A	Green Creek, Four Bends Upstream of Station 11-07
11-08	Mouth of Kiawah River
11-12	Stono River (AIWW) at Marker #27
11-15	Stono River (AIWW) at Marker #63
11-16	Stono River (AIWW) at Marker #51
11-17	Stono River (Log Bridge Creek) at Marker #54
11-18	Confluence of Rantowles Creek and Stono River
11-21	South Kiawah River on the flats
11-22	Kiawah River POG at Mingo Point
11-23	Captain Sams Creek and Kiawah River
11-27	Stono River at mouth of Penny Creek near Marker #25
11-28	Mullet Hall Creek 150 yards from mouth at fork
11-29	Kiawah River between Bryans Creek & Mullett Hall Creek
11-30	Kiawah River at mouth of Bryans Creek
11-31	Bass Creek at confluence with Kiawah River
11-32	Bass Creek at confluence with Cinder Creek
11-33	Sol Legare Boat Landing
11-34	Cinder Creek at Public Dock (3rd bend from confluence with Bass Creek)
11-35	Bass Creek at Public Dock (5th bend from confluence with Cinder Creek

(27 Active)

Shellfish Management Area 12A
WATER QUALITY SAMPLING STATIONS DESCRIPTION

Station	Shellfish Station Description
12A-09	Adams Creek at Bohicket Creek
12A-11A	Adams Creek, North of Adams Creek Marina
12A-13	Bohicket Creek at Fickling Creek
12A-20	Bohicket Creek opposite Hoopstick Island
12A-21	Opposite old dam behind Rast House Restaurant
12A-22	Opposite Boy Scout Camp
12A-29	Raven Point Creek at confluence with Church Creek
12A-31	Southwest Boundary of Prohibited Area At Bohicket Marina
12A-32	Privateer Creek up 1/2 mile at fork
12A-38	Drainage discharge 1/8 mile east of power lines, north bank of Church Creek
12A-39	Confluence of Church Creek and small tidal creek ~ 350 yds west of S.C. Hwy.700 bridge, north side of Church Creek.
12A-40	Pine Creek at first fork
12A-41	Confluence of Church Creek and New Cut
12A-46	Bohicket Creek midway between Stations 21 and 22 at small, unnamed tributary on west bank

(14 Active)

Shellfish Management Area 12B
WATER QUALITY SAMPLING STATIONS DESCRIPTION

Station	Shellfish Station Description
12B-01	Mouth of Church Creek, Marker #77
12B-02	Goshen Point, Marker #69
12B-04	Toogoodoo Creek at confluence with AIWW, Marker #102
12B-05	Dawho Creek, Marker #110
12B-06	Steamboat Creek, Marker #2
12B-07	Westbank Creek at North Edisto River, opposite Leadenwah Creek
12B-08	Leadenwah Creek at North Edisto River
12B-09	Dawho River at Marker #119
12B-10	South Boundary of Prohibited Area at Metal Trades Dock
12B-12	Leadenwah Creek 1 mile from confluence of North Edisto River
12B-30	Tom Point Creek at Park Island
12B-33	Confluence of Ocella Creek and South Creek
12B-34	Toogoodoo Creek SSG at last creek before fork
12B-35	Public Boat Ramp, Lower Toogoodoo Creek
12B-36	Confluence of Tom Point Creek and North Edisto River
12B-37	Confluence of Steamboat Creek and Russell Creek
12B-42	Headwaters of Ocella Creek
12B-43	Russell Creek at estuary entering Sunbelt Clam Farms
12B-44	Toogoodoo Creek midway between Stations 4 and 34
12B-45	Toogoodoo Creek at the second bend past the confluence with Lower Toogoodoo Creek
12B-50	Sand Creek at intake to Westendorf Clam Farm
12B-51	Wadmalaw Sound at day beacon #80
12B-52	Confluence of Whooping Island Creek and Steamboat Creek
12B-53	Dawho River, Marker #126
12B-54	Tom Point Creek, 3 bends upstream of Station 30
12B-55	Leadenwah Creek, at third bend after Station 12B-12
12B-56	Leadenwah Creek, after fourth bend at the fork

(27 Active)

Shellfish Management Area 13
WATER QUALITY SAMPLING STATIONS DESCRIPTION

Station	Shellfish Station Description
13-01	Scott Creek at The Mound
13-02	Mouth of Big Bay Creek
13-03	Mouth of St. Pierre Creek
13-04	St. Pierre Creek at Peters Pt.
13-05	Fishing Creek at Sandy Creek Confluence of Shingle Creek and Bailey Creek
13-07	Store creek opposite house with docks on right
13-08	Edisto River at Ashepoo River Russell Creek at Area 12/13 boundary
13-10	Fishing Creek at Pollution Line
13-13	Mouth of Fish Creek at Otter Island & Atlantic Ocean
13-15	Headwaters of Pine Island Creek at the fork
13-20	Northern confluence of Alligator Creek and S. Edisto River
13-21	Big Bay Creek. Headwaters at first bend to right past the Neck
13-22	Headwaters of Scott Cr. At Jeremy Inlet at the boat landing
13-23	Jeremy Inlet at Atlantic Ocean
13-24	Frampton Inlet at north end of Jeremy Cay
13-25	Frampton Inlet at Atlantic Ocean
13-26	4,00ft From the Confluence of Fish Creek and Atlantic Ocean at First "T" in Fish Creek
13-27	Frampton Inlet Creek Upstream of boat ramp Past First Bend
13-28	Confluence of Shingle Creek and Milton Creek
13-29	Bailey Creek, First Bend Adjacent to Bluff on Bailey Island (Near Confluence with St. Pierre Creek)
13-30	Bailey Creek at Confluence with unnamed Tributary near southwestern point of Scanawah Island
13-31	Bailey Creek at confluence with South Edisto River
13-32	South Edisto River at western boundary of 1000’ Restricted radius around Station 02 (confluence of Big bay Creek)

(23 Active)

Shellfish Management Area 14
WATER QUALITY SAMPLING STATIONS DESCRIPTION

Station	Shellfish Station Description
14-02	Campbell Creek at Whale Branch
14-04	Bull River Inlet and Coosaw River
14-05	Combahee River Inlet and Coosaw River
14-08	Ashepoo River at St. Helena Sound - Black Can Buoy
14-09	St Helena Sound at Morgan Back Creek
14-10	parrot Creek and Coosaw River, marker #1
14-11	Sam's Point and Coosaw River
14-12A	Confluence of Coosaw River and whale Branch
14-13	Halfmoon Creek at Whale Branch
14-14	Huspah Creek at Railroad Trestle
14-16A	2000 Feet Southeast of Mouth of Fish Creek
14-18	Huspah Creek at Bull Point - Whale Branch Public Oyster Ground
14-19	Ashepoo River Public Oyster Ground
14-20	Cut Between the S. Edisto River & the Ashepoo River
14-21	Confluence of Mosquito Creek and Ashepoo River

(15 Active)

Shellfish Management Area 15
WATER QUALITY SAMPLING STATIONS DESCRIPTION

Station	Shellfish Station Description
15-01	Brickyard Creek at Range Marker
15-01A	McCalleys Creek at Pawkie Island
15-02	Mulligan Creek at Brickyard Creek
15-10	Battery Creek at Five Points Creek
15-15	Ballast Creek at Beaufort River
15-16	Station Creek at Beaufort River
15-17	Cat Island Creek at Cowen Creek
15-18	Second Middle Marsh in Cowen Creek
15-19	Battery Creek 1000 feet below Rabbit Island
15-20	Capers Cr SSG at Penn Community Srvcs Retreat Ctr
15-21	Unnamed Creek at (former) discharge of BC High and Cherry Hill High
15-23	Distant Island State Shellfish Ground
15-24	Battery Creek - SC HWY 280 bridge
15-25	Battery Creek - Dowlingwood tributary
15-26	Battery Creek - Picket Fence tributary
15-27	Battery Creek - Cherry Hill tributary
15-28	Battery Creek - Storm water outfall under RR track
15-29	Battery Creek - Tributary on R side before Battery Shores
15-30	Battery Creek - Cottage Farms Community Dock
15-31	Battery Creek - Battery Point Community Dock
15-32	Battery Creek - Under power line
15-33	McCalley Creek - 0.5 miles upstream of 15-01A

(22 Active)

Shellfish Management Area 16A
WATER QUALITY SAMPLING STATIONS DESCRIPTION

Station	Shellfish Station Description
16A-08	Morgan River at Village Creek
16A-09	Edding Creek at Morgan River
16A-10	Parrot Creek at Morgan River
16A-11	Jenkins Creek at Morgan River
16A-13	Lucy Point Creek at Rocky Springs Creek
16A-13A	South Edge of Lucy Point Creek CSZ at Pollution Line
16A-13B	North Edge of Lucy Point Creek CSZ at Pollution Line
16A-14	Doe Cr Behind Coastal Seafood - Behind Dataw Island
16A-18	Edding Creek at Shrimp Dock
16A-19	Upper Reaches Rock Springs Creek
16A-23	Edding Cr at Small Tributary Between Stations 9 and 18
16A-24	Jenkins Creek at Right Turn Between Stations 11 and 14
16A-25	Jenkins Creek at Small Unnamed Tributary North Side of Warsaw Island
16A-27	Mouth of Coffin Creek at Morgan River
16A-28	Headwaters of Coffin Creek at Shrimp Docks
16A-33	Lucy Point Creek, approximately 3100 ft west of Station 16A-13B
16A-34	Lucy Point Creek, confluence with tributary on northern bank, approximately 1900 ft south of Station 16A-13
16A-35	Warsaw Flats at confluence with Morgan River
16A-36	Jenkins Creek at southern point of Dataw Island
16A-37	Jenkins Creek at Pollawanna Island boat ramp
16A-38	Village Creek at confluence with unnamed tributary on western bank
16A-39	Sparrow Nest Creek at the Confluence of Morgan River

(22 Active)

Shellfish Management Area 16B
WATER QUALITY SAMPLING STATIONS DESCRIPTION

Station	Shellfish Station Description
16B-02	Trenchard's Inlet at Mouth of Station Creek
16B-03	Club Bridge Creek at Harbor River Sound
16B-04	Story River at Fripp Island
16B-05	Old House Creek at Fripp Inlet
16B-06	Harbor River at Marker #A-13
16B-06F	Unnamed Creek - Fripp Canal at Old House Creek
16B-17	Station Creek SSG - Beaufort County Landing
16B-20	Two Miles N. of Confluence of Story River & Trenchard's Inlet
16B-21	Unnamed Creek Between Harbor River and Story River
16B-22	Skull Creek at Confluence of Creek Leading to Pritchard's Inlet
16B-26	Old House Creek at Confluence of Two Tributaries in Headwaters Northwest of Fripp Island Marina
16B-29	Midway Stations 3 and 6 at Unnamed Creek Between Story River & Harbor River
16B-31	Johnson Creek at SC Hwy 21 bridge
16B-33	Skull Creek at confluence with Trenchards Inlet
16B-34	Skull Creek, Midway Between Skull Inlet and Trenchards Inlet at Confluence with Large Tributary on NW Side of Skull Creek
16B-35	Skull Creek at Confluence with First Major Creek on Right Heading Inland from Skull Inlet

(16 Active)

Shellfish Management Area 17
WATER QUALITY SAMPLING STATIONS DESCRIPTION

Station	Shellfish Station Description
17-01	Broad River at S.A.L. Railroad Bridge
17-02	Boyd Creek at Broad River
17-03	Broad River at Whale Branch
17-04A	USMC Laurel Bay WWTP Output
17-07	Mouth of Chechessee Creek at Chechessee River
17-08	Chechessee River Bridge
17-09	Mouth of Euhaw Creek at Hazzard Creek
17-10A	Archers Creek 1000 feet west of bridge
17-12A	Ballast Creek near Page Field Road Causeway
17-13	Broad River at Creek below Ballast Creek
17-14	Broad River at Parris Island Spit
17-16	Broad River at Corn Island - Mouth of Creek
17-16A	First Split in Habersham Creek above Station #16
17-17	Hazzard Creek at Chechessee River
17-18	Hazzard Creek at Chelsea Plantation Clubhouse
17-21	Confluence of Middle Creek and Whale Branch
17-22	Confluence of East and West Branch of Boyd Creek
17-23	Headwaters of Euhaw Creek one mile above Bolin Hall Landing
17-25	Hazzard Creek at Second Right Bend Above Station #17 & 18

(19 Active)

Shellfish Management Area 18
WATER QUALITY SAMPLING STATIONS DESCRIPTION

Station	Shellfish Station Description
18-01	Okatie River at Camp St. Mary's Dock
18-02	Okatie River Behind Bailey's Oyster Dock
18-03	Chechessee Creek at Okatie River
18-04	Callawassie Creek at Colleton River, Mouth of Creek
18-05	Callawassie Creek at Colleton Creek at Tree Line
18-06	Sawmill Creek at Colleton Creek
18-07	Okatie River at Indigo Plantation
18-08	Okatie River at Dock Without House
18-09	First Unnamed Tributary in Chechessee Creek from Colleton River
18-10	Second Bridge to Callawassie Island
18-11	First Bridge to Callawassie Island
18-12	Series of Unnamed Tributaries in Chechessee Creek
18-13	First Unnamed Tributary to Chechessee Point in Chechessee Creek
18-14	Tributary from Spring Island Shrimp Pond
18-15	Dock at Waddell Mariculture Center
18-16	Okatie River at confluence of Pinkney Colony tributary
18-17	Okatie River at confluence of Cherry Point tributary

(17 Active)

Shellfish Management Area 19
WATER QUALITY SAMPLING STATIONS DESCRIPTION

Station	Shellfish Station Description
19-01	May River South of Palmetto Bluff, Marker #8
19-02	Unnamed Creek at Jack Crow Island in Cooper River
19-02A	Cooper River at New River
19-03	Ramshorn Creek at Cooper River
19-04	Cooper River at Marker #41 - Daufuskie Island
19-05	Bloody Point at Mungen Creek
19-06	Wright River, Marker #43
19-07	Ramshorn Creek at New River
19-08	First Creek on Left up New River at Pollution Line
19-09	Bull Creek at Cooper River
19-11	Bull Creek at Savage Creek
19-12	Bull Creek at May River
19-16	May River Behind Bluffton Oyster Co-op
19-17A	Cooper River Marina at Edge of CSZ
19-18	May River below Drainage Canals at Marker #11
19-19	May River at First Dock in Headwaters past Bluff
19-20	1.5 Miles up Wright River from Fields Cut
19-21	2.5 Miles up New River from Station 19-02a
19-22	Wright River at Fields Cut
19-24	May River at Southern end of Crane Island
19-25	May River at Green Marker #25
19-26	May River SE of Hayward Cove
19-27	Wright River @ confluence with Atlantic Ocean

(23 Active)

Shellfish Management Area 20
WATER QUALITY SAMPLING STATIONS DESCRIPTION

Station	Shellfish Station Description
20-01	Braddock Point - South End of Hilton Head Island
20-02	Calibogue Sound, Marker #32
20-03	Shark Bank and Broad Creek - CSZ Sea Pines WWTP, Marker #2
20-04A	Broad Creek at Palmetto Bay Marina CSZ
20-05	May River at Calibogue Sound
20-06	Jarvis Creek at Calibogue Sound
20-07	Buckingham Landing at Bridge
20-09	Mackey Creek and Chechessee River
20-10	Skull Creek at Small Creek from Mariner's Cove
20-11	Skull Creek, Marker #19
20-12	Skull Creek Behind Hilton Head Seafood Company
20-13	Skull Creek and Port Royal Sound
20-15A	Broad Creek at Calibogue Sound - North End of Buck Island
20-16	Creek Behind Lynn Smith's Oyster Plant at Broad Creek
20-17B	Broad Creek at Broad Creek Marina CSZ
20-18	Broad Creek at Shelter Cove Marina
20-19A	Broad Creek at Harbor Town Marina CSZ
20-20A	Moss Creek Marina CSZ
20-22	Old House Creek at Calibogue Sound
20-23	First Major "Y" In Jarvis Creek
20-24	First Major Creek Right After Marker #18
20-25	Broad Creek at Confluence of Channel Leading to Old Oyster Factory
20-26	Northwest of S. Beach Marina closure zone at Latitude
20-27	Fish Haul Creek at Port Royal Sound
20-28	Broad Creek at Southern Boundary of South Island WWTP Prohibited CZ
20-29	Broad Creek at Northern Boundary of South Island WWTP Prohibited CZ

(26 Active)

I. Parameters Sampled at Ambient Groundwater Monitoring Sites

AMBIENT MONITORING NETWORK GROUNDWATER QUALITY PARAMETERS

nitrate + nitrite
hardness
chloride
sulfate
TDS
pH
alkalinity
fluoride
TOC
specific conductivity
aluminum
beryllium
boron
cobalt
strontium
mercury
molybdenum
TKN
silica
zinc
calcium
magnesium
sodium
potassium
arsenic
barium
copper
iron
lead
manganese
selenium
silver
tin
uranium
cadmium
chromium
nickel
antimony
lithium

3.0 SPECIAL MONITORING AND COMPLIANCE MONITORING

3.1 Intensive Surveys And Special Water Quality Studies

Special studies provide immediate and in-depth investigations targeting specific environmental problems or involve practical research that leads to a better understanding of the water quality of the State of South Carolina. The data collected are summarized and reported at the conclusion of each study.

Special water quality studies are conducted as needed to determine cause and effect relationships in waterbodies where trend monitoring indicates a deterioration in environmental quality. They provide legally defensible data on damage in situations where compliance monitoring indicates violation of permits and/or water quality standards. Special water quality assessments most often target waterbodies listed on the §303(d) list of impaired waters not meeting designated uses or are requested for waterbodies having high or potentially high public water use values.

There is usually a specific need or problem identified in the initial study request, such as the pollutant or biological condition resulting in a §303(d) listing. When selecting indicators for a special study, conditions that may cause or contribute to nonattainment of applicable WQS are considered. It is important to consider the potential cumulative impacts to a waterbody resulting from multiple sources of pollutants. For example, are there sources in the watershed that separately or collectively might contribute pollutants in amounts or combinations that could cause an exceedance of a water quality criterion, create toxic conditions, or accumulate in fish tissue? Principal considerations include point sources, nonpoint sources, geology/hydrology, and land-use patterns, both current and historic, and suspected pervasive pollutants that may be transported by atmospheric processes.

Point sources in the watershed may contribute pollutants that cause or contribute to nonattainment of WQS. Information about the type of facility and nature of discharges can help identify potential pollutants. Point sources may have existed historically but may no longer be active. Legacy contaminants from these sources may still be present within bed sediments in the waterbody or in soils at the site. A review of current and past permittee's NPDES permit limits and compliance history information may be included in the study design process.

Nonpoint sources generally are related to land-use practices. Land use (e.g., rural, agricultural, urban, industrial) often dictates what indicators may be most suitable for water quality monitoring. To the extent possible, current and historic land-use practices in the watershed are identified. Past land-use practices may be very different from current practices, and residual pollutants may be present in the bed sediments in the water or in soils at the site. Disturbances from land-use practices or changes in land-use may aggravate already marginal natural water quality conditions. Available information about local agriculture, pesticide usage, urban/impervious surfaces, land management practices (e.g., forestry, mining), and best management practices (BMP) that would mitigate pollutant impacts are considered.

Geologic and hydrologic processes within and upstream from a waterbody generally establish background water quality conditions within the watershed. In some cases, weathering and transport

processes for certain geologic areas may result in increased concentrations of metals, particularly arsenic, cadmium, mercury, and selenium. Increased concentrations may be found both in the water column and in underlying sediments.

An investigation of specific environmental problems usually originates as an official request from other entities of EQC, such as Industrial Wastewater, Enforcement, the Modeling Section, the Watersheds and Planning Section, Environmental Services personnel, or Land and Waste Management. Studies may also be initiated in response to requests by private citizens or special interest groups. Once an official request to carry out a specific task has been received, Aquatic Biology Section or Water Quality Monitoring Section staff designs, receives approval from the SQAMO, and implements the study. The results of such studies are reported primarily to the originator of the study request.

In conducting practical research, the Aquatic Biology Section or Water Quality Monitoring Section generally relies on its own staff, as well as the scientific staff of other sections of EQC. The Aquatic Biology Section or Water Quality Monitoring Section staff designs and implements, or coordinates if other groups are involved, such studies and reports all findings to all interested parties.

Study plans for any special studies are submitted to the State Quality Assurance Management Office (SQAMO) for approval prior to sampling. All sampling and field analyses are performed according to the Environmental Investigations Standard Operating Procedures and Quality Assurance Manual (SCDHEC) and Procedures Manual for Stream and Wastewater Facility Flow Measurement (SCDHEC). All laboratory analyses are performed according to Procedures and Quality Control Manual for Chemistry Laboratories--Analytical Services (SCDHEC, 2005) and Laboratory Procedures Manual for Environmental Microbiology-- Analytical Services (SCDHEC, 1998).

Nonpoint source (NPS) monitoring includes both biological investigations and water quality assessments. Data collected is used for various purposes including: identifying waters not fully meeting designated uses due to NPS pollution, addressing waters currently listed on the §303(d) list, assisting in enforcement investigations, and assessing the effectiveness of best management practices (BMPs) in agricultural, silvicultural and residential areas.

Water quality, biological, and habitat assessments are conducted as needed in response to complaints from the public and subsequent requests from central and regional EQC personnel. Results help determine the need for enforcement action.

Biological investigations typically focus on waterbodies included on the §303(d) list due to a demonstrated impairment to the biological community or excursions relative to metals, pH or dissolved oxygen (DO) levels. Sites are re-assessed for impairment and possible causes may be explored. To maximize effectiveness, these investigations are timed to complement the macroinvertebrate trend-monitoring effort.

Sites listed for impairment due to elevated fecal coliform bacteria levels are also targeted for special sampling. The accompanying effort to identify potential sources is typically involves intensive sampling combined with consideration of relevant point sources, nonpoint sources, adjacent land use, and shoreline reconnaissance.

3.2 Wetlands Monitoring

SCDHEC does not conduct traditional ambient monitoring in wetlands. We do not maintain a network of wetlands stations that are visited routinely and sampled for traditional water quality parameters such as dissolved oxygen, bacteria, nutrients, metals, and organics. However, we do conduct ourselves or require of permittees limited monitoring for certain wetlands. This monitoring falls into two categories: Assessment Monitoring and Compliance Monitoring.

3.2.1 Assessment Monitoring

SCDHEC is responsible for the Section 401 Water Quality Certification Program for South Carolina. Many activities that require a Water Quality Certification are for projects affecting wetlands. In order to adequately evaluate a project's potential impact on the quality of a wetland, it is necessary to understand the existing quality and function. Using grant funds from USEPA, SCDHEC has developed an assessment methodology based on the hydrogeomorphology of the wetland.

During the development of the Hydrogeomorphic (HGM) Assessment methodology SCDHEC collected data from headwater riverine wetlands within the Atlantic Coastal Plain Flatwoods reference domain in SC to form a database that could describe the relative functionality of this wetland type. The database will also create a set of reference standard wetlands that can be used to determine what the range of functionality and existing condition is among this wetland type. The model and data are under peer review and we are conducting training and peer review sessions in the field this year. SCDHEC is using the HGM Assessment methodology to create new and enhance existing methods to evaluate wetland functions and impacts. This data could be used to develop standards for these types of wetlands and serve as a template for the development of standards for other wetland types.

3.2.2 Compliance Monitoring

When SCDHEC issues Water Quality Certification for unavoidable placement of fill in wetlands, the Certification will have a requirement for compensatory mitigation. There will also be a requirement for the applicant to conduct monitoring at the mitigation site to demonstrate its success. Typical monitoring at wetlands mitigation sites consists of: each compensation site is evaluated on a site-specific basis and if needed hydrological and vegetative monitoring is required to show the creation, restoration, or enhancement of an areas hydrology or vegetation. Generally, to ensure the compensatory objectives are achieved the area is monitored for 5 years with annual descriptive reports. If the objectives are not reached SCDHEC will require changes and further monitoring.

SCDHEC has issued NPDES permits to several wastewater treatment plants where wetlands are the final receiving water. In order to determine if there are detrimental effects of the wastewater on the wetlands, SCDHEC imposes monitoring of the wetland on the NPDES permit. Typically, this monitoring consists of: ground and surface water quality, vegetation, and hydrological parameters are measured bi-annually and reported in an annual report based on site-specific considerations.

3.2.3 Program Needs

If the State were to implement an ambient monitoring program for wetlands, it would be important to have wetlands water quality standards in place. SCDHEC has investigated and evaluated the feasibility of wetlands standards using grant funding from USEPA. We have been unable to adopt standards for wetlands for several reasons including the necessary complexity of wetlands standards as well as political obstacles.

Moreover, our present monitoring staff is not trained to collect the types of samples that would be required for wetlands monitoring. In addition to limited water chemistry samples, we envision that wetlands monitoring would require vegetation sampling and possibly vertebrate sampling.

In order to adopt a workable standards system and then conduct ambient wetlands monitoring, SCDHEC would need additional staff. We estimate that six to 10 additional FTEs would be required.

3.3 Wastewater Discharge Compliance Monitoring

All wastewater dischargers to the surface waters of the State of South Carolina must obtain a National Pollutant Discharge Elimination System (NPDES) Permit. This applies to all public and privately owned wastewater treatment facilities. The NPDES permit sets limits for physical and chemical characteristics of the facility effluent to protect the water quality of the receiving waterbody. A number of publicly owned treatment works (POTWs) have requirements in their NPDES permits to implement an approved pretreatment program to regulate industrial discharges, as well.

The purpose of the facility monitoring program is to ensure that permitted effluent limitations are met and properly reported to the State, to ensure proper operation and maintenance of wastewater treatment facilities, and to ensure that the public's concerns and complaints concerning wastewater dischargers are answered effectively. This monitoring function encompasses the review of NPDES permit compliance schedules, review of NPDES self-monitoring data, inspection and evaluation of wastewater treatment facilities, collection and analysis of samples at wastewater treatment facilities, and investigation of complaints concerning wastewater treatment facilities or stream quality throughout the State.

The information gathered by the facility monitoring program is used by the State and EPA to determine permit compliance and to support enforcement actions. Inspection results are also useful in grant reviews and permitting functions. Facility monitoring is often included in water quality assessments, as well.

Certain inspections are used to improve permittee performance through improved data quality and the provision of technical assistance. Of course, the facility monitoring program also serves to maintain a regulatory presence in the State.

The following sections detail the various means at our disposal to accomplish these goals.

3.3.1 Compliance Schedule Tracking

Schedules of Compliance for permits and administrative orders are maintained in a data file designated as the Permit Compliance System or PCS. This program was originally developed by EPA to track permit compliance and the State has assumed responsibility for maintaining and updating the file's database. The Enforcement Section receives a PCS Quick Look Report containing scheduled compliance dates on a monthly basis. These dates are compared against actual compliance status. Achieved compliance is noted and noncompliance situations are suspended for further action by the enforcement staff; also, any amendments to compliance dates are input into the system.

3.3.2 NPDES Self-Monitoring

All NPDES permittees are required to collect and analyze samples of their own effluent at regular intervals for specific permit parameters. Self-monitoring data are transmitted to the

Compliance Assurance Division by the permittee in the form of a Discharge Monitoring Report (DMR). Enforcement Monitoring Records are utilized to track NPDES self-monitoring information. For NPDES self-monitoring this system is utilized to assure timely submission by dischargers of DMRs and recording of reported values by effluent parameter for each NPDES permit. DMR files are reviewed on a monthly basis to determine appropriate enforcement action required for failing to submit discharge monitoring reports and/or for significant effluent violations. In addition, permittees are required to report non-compliance covering significant permit violations as they occur. These noncompliance reports, submitted in advance of DMRs, provide DHEC the opportunity to determine if there may be effluent problems requiring immediate investigations. After being logged, reviewed, and entered into the EFIS and PCS by the Permit and Data Administration Section all DMRs are sent to the Enforcement Section for necessary action and then to the NPDES file for the particular facility to provide a readily available source of effluent data.

3.3.3 Federal Compliance Evaluation Inspections - (CEI)

The Compliance Evaluation Inspection (CEI) is a nonsampling inspection designed to verify permittee compliance with applicable permit self-monitoring requirements and compliance schedules. This inspection is based on record reviews and visual observations and evaluations of the treatment facilities, effluents, receiving waters, etc. The CEI is used for both chemical and biological self-monitoring programs.

The Inspection

The inspection is comprised of an evaluation of the physical equipment, laboratory records, discharge monitoring reports, and the operational records of the facility. A narrative report is generated summarizing the findings in each of 9 major areas evaluated during the inspection. The 9 major areas evaluated are as follows:

a. Permit Verification - verification of name, address, discharge(s), receiving waters, etc., contained in the permit.

b. Records and Reports - determination of compliance with record keeping and reporting requirements stipulated in the permit.

c. Facility Site Review - examination of areas on the permittee's premises where pollutants are generated, pumped, conveyed, treated, stored or disposed.

d. Flow Measurement - installation, calibration and accuracy of flow measurement system is determined.

e. Compliance Schedules - where applicable.

f. Self-Monitoring Program - sampling frequency, type(s), parameters monitored, parameter limitations, sampling methodology are examined for compliance with permit.

g. Operation and Maintenance - a visual inspection of unit processes is conducted.

h. Sludge Disposal - the permittee's sludge management and disposal methods are evaluated.

i. Stormwater - review of permittee's stormwater pollution prevention plan (SWP3).

Procedure

The accepted procedure for conducting the Compliance Evaluation Inspection is as follows:

a. The facility evaluator notifies the permittee prior to the CEI by telephone. The permittee is instructed to have available all pertinent records for review.

b. The evaluator completely fills out the appropriate checklists for each major section evaluated during the inspection.

c. After completion and review of the inspection report, the narrative report is forwarded to the Pollution Source Compliance Section for review, EFIS and PCS entry, and distribution.

Follow-up

Follow-up evaluations will be made on deficiencies noted in initial Compliance Evaluation Inspections. The follow-up is as follows:

a. A letter emphasizing the deficiencies noted will be sent along with the initial report to the owner. This letter will point out problems found during the inspection and request corrections or plans for corrections. This letter requires a response within fifteen (15) days. Responses are reviewed by Central Office and Regional staff.

b. Based on the review, the Region may be requested to initiate a follow-up field inspection. The actual follow-up evaluation can be comprised of a routine Facility Evaluation Inspection (FEI) with the emphasis placed on the status of necessary corrective actions to problems noted in the Compliance Evaluation Inspection report.

c. If corrective action on the initially noted deficiencies has not been taken, the Region should then follow established Enforcement Procedures.

3.3.4 Facility Evaluation Inspections

These evaluations are designed to ensure that wastewater treatment facilities are being properly operated and maintained in accordance with State and Federal regulations.

The Facility Evaluation Inspections (FEI) are periodic inspections performed at wastewater

treatment facility in the State. The FEI involves the actual visit to the treatment plant site, a visual inspection of the facility, and a brief records review. The inspector determines if the facility and the equipment involved are properly operated and maintained. Certain limited physical and chemical tests are run on the effluent to help the evaluator determine the plant's efficiency and effectiveness of operation.

The following parameters are collected:

Effluent
Temperature
pH
Dissolved oxygen
Chlorine residual

The inspection program is not a totally regulatory program. The inspection results are discussed with the operator, when possible, to let him know what corrective measures, if any, are needed.

Procedure

The following is the procedure followed for completing a routine facility evaluation:

1. Plan work schedule ahead of visits.

2. Review file (for previous evaluations, inspections, orders, enforcement action, etc.) and make notes of items which were unsatisfactory on previous visits and carry file or parts needed.

3. Review the permit completely.

4. Inform appropriate person (immediate supervisor) of your planned daily visits.

5. Make every effort possible to contact owner or operator of the facility to be evaluated to inform him of inspection plans. The owner or operator is expected to accompany the evaluator during the evaluation.

6. If you are unable to contact owner or operator, obtain access and permission to evaluate facility.

7. Make appropriate observations and field tests to determine which processes are satisfactory or unsatisfactory. The facility evaluator must make observations and tests as indicated on the evaluation forms. Effluent tests are mandatory.

8. Review the facility's monitoring and permit compliance records. Make comments as appropriate.

9. Reports must be completely filled out and signed by person making evaluation. Make appropriate remarks and recommendations. Deficiencies should be listed in remarks section of inspection form.

10. Record name of person you contacted. Have him sign inspection form when possible.

11. Inform the owner or operator of findings and ask him to make any needed corrections.

12. If samples are collected for laboratory analysis, coordination should be made with laboratory and results should be included with evaluation report.

The inspector's reports are reviewed in the region before the copies are distributed. One copy of the inspection is sent to the facility owner, one copy is kept in the regional office, and the original is sent to Central Office to be reviewed, logged and sent to the Central Files. Inspection results are entered into the EFIS and into PCS.

Suspense files on problem facilities should be maintained in the Regional Office. The facility evaluators should also keep a list of facilities which need to be sampled for possible enforcement action. Those lists should be forwarded to the regional monitoring supervisor periodically to be scheduled for sampling.

If the regional staff has exhausted its resources in getting the facility in proper operational condition, then all necessary information concerning the facility can be addressed at a meeting at the Regional level. Necessary enforcement action should follow the established enforcement procedures until compliance is achieved.

3.3.5 Compliance Sampling Inspections

Compliance sampling inspections are performed to determine if wastewater treatment facilities are operating as permitted and designed, to collect data for comparison with self-monitoring data, and to support enforcement action.

Sampling of facilities are assigned the following priorities:

1. Federal Compliance Sampling Inspections.
2. Enforcement Section or EPA requests.
3. Engineering Division request.
4. Regional personnel request.
5. Routine sampling.

Federal Compliance Sampling Inspections

Federal Compliance Sampling Inspections are conducted on all major dischargers and specific minor dischargers on an annual basis. The Federal Compliance Sampling Inspection

requires that an inspection of the facility be conducted by the EQC regional facility evaluator. This inspection is to be made on one of the three (3) days required for effluent sampling. A list of the dischargers receiving Federal Compliance Sampling Inspections for each EQC region appears in Appendix J.

A detailed inspection of the facility's records, regular operation and maintenance, flow measurement devices, sampling procedures, laboratory, and other permit conditions for compliance verification is conducted by the district facility evaluator. Effluent sampling is included in the Federal Compliance Sampling Inspection. Procedures for sampling the effluent are the same as discussed below for State Minor Compliance Sampling Inspections.

After the sampling and inspection has been completed, the laboratory results are mailed to the Analytical Services Division. The narrative reports are mailed to the Pollution Source Compliance Section. This information should be completed and mailed to Columbia within two weeks of completion of sampling.

Requested Sampling Inspections

Upon receiving a request for compliance sampling, a review of historical data and the NPDES permit regulations for the facility is conducted to determine if previous sampling data will be sufficient. If additional sampling is needed, a request, including all parameters desired is sent to the Regional Office responsible for sampling that facility. This is coordinated by personnel in the Central Office Pollution Source Compliance Section. A written request for the sampling is then made to the Regional monitoring supervisor. Sampling and reporting procedures are the same as for State Minor Compliance Sampling Inspections (see below).

State Minor Compliance Sampling Inspections

State Minor Compliance Sampling Inspection schedules are established by the Regional monitoring supervisor. An annual schedule which outlines the month and facility that will be sampled is submitted to the Pollution Source Compliance Section.

The NPDES permit should be reviewed to determine the composite sampling frequency. For those facilities whose composite sample frequency is once per month or less, a one day composite sample may be collected. Fecal coliform and field parameters should be collected on the day the composite sampler and flow meter are set up, as well as the following day when the composite sample is collected. An updated list of facilities requiring only one day of sampling will be provided to the regional monitoring supervisor annually.

If the NPDES permit requires composite sampling for any parameter at a frequency of greater than once per month, then two days of composite sampling must be conducted. The flow recorder and automatic sampler is set up on the initial sampling day. Fecal coliform and field samples should be collected on the day the composite sampler is set up and on each of the two following days on which composite samples are collected.

In addition to the effluent total residual chlorine (TRC), the chlorine concentration prior to dechlorination should be measured if the effluent TRC is measured to be <0.1 mg/l. These results should be reported on DHEC form 2185, on the line following Sulfides. The monitoring personnel should write Cl_2 in CC on the line below Sulfides, and 66666 as the STORET code.

Samples collected will be taken to the Regional laboratory for analyses. Samples are collected according to the NPDES permit requirements and SCDHEC's Environmental Investigations Standard Operating Procedures and Quality Assurance Manual.

When sampling these facilities with General Permits (SCGs), the specific type of discharge, as identified in the General Permit, must be written in the space labeled **TYPE** on DHEC form 2185. The correct pipe number, as identified in the General Permit, must also be written in the appropriate space on DHEC form 2185.

After completion of the sample analyses the laboratory data sheets are sent to the Analytical Services Division which forwards them to the Pollution Source Compliance Section to be verified, reviewed, and logged in.

The data are edited and a compliance monitoring report (CMR) is generated. The data are compared with the NPDES permit limits to determine if any permit violations occurred. A formal report is then compiled by Pollution Source Compliance Section personnel and sent to the responsible facility official. Copies are transmitted to the Central Office files, the Region , and EPA (majors). A written response to the agency for any significant permit violation is usually requested.

3.3.6 Compliance Biological Inspections

For the purpose of State compliance with the "106 Work Plan" agreement with the EPA, whole effluent toxicity (WET) testing conducted according to the facility's NPDES permit requirements constitutes a Compliance Biological Inspection (CBI). Discharges to be tested are selected based on self-monitoring data, requests by department personnel, requests by other parties, and in conjunction with the Federal CSI schedule. Samples are usually taken at the time of Federal and State compliance sampling inspections by district monitoring personnel. CBI WET test results are used to determine if wastewater treatment facilities are in compliance with their NPDES permit WET limits, for comparison with self-monitoring data and to determine the need for permit modifications or enforcement action. Depending on permit requirements, either a 48-hour static acute or 7-day static renewal chronic toxicity test is conducted. CBI's are conducted on 10% of all major facilities that have WET requirements, annually.

3.3.7. Performance Audit Inspections

The Performance Audit Inspection (PAI) is used to evaluate a permittee's self-monitoring program. The purpose of the inspection is not only to determine the quality of self-monitoring but also to assess the reliability of the data reported by the permittee. A field

evaluation is conducted which includes an evaluation of flow measurement, sampling, records, and operation and maintenance. Pollution Source Compliance Section personnel perform this part of the PAI. A laboratory evaluation is also conducted which includes a review of analytical methods and procedures, sample handling and preservation, quality assurance, and records. The EQC Laboratory Certification Section performs this part of the PAI.

3.3.8 Technical Assistance Evaluations

The Technical Assistance Evaluation (TAE) focuses primarily on wastewater treatment facilities that are not in compliance with their permit requirements. The purpose of the evaluation can be to either evaluate causes of noncompliance in support of enforcement actions or to assist those facilities without self-diagnostic capability. The evaluation identifies major plant deficiencies in operation, design, and/or construction. Other aspects of the permit program such as the permittee's self-monitoring program can be included in the technical evaluation if deemed necessary. These evaluations are performed by the Pollution Source Compliance Section and are done on an as needed basis. .

3.3.9 Pretreatment Program Audit and/or Inspection

The Pretreatment Program Audit and/or Inspection is conducted annually on those POTWs that are required by regulation to have an approved pretreatment program. The purpose of the audit and/or inspection is to determine whether the program is being adequately implemented by the POTW. The audit would include a review of the following items:

1. POTW treatment facility background information.
2. POTW pretreatment program background information.
3. Evaluation of POTW pretreatment program changes.
4. Legal authority evaluation.
5. Application of pretreatment standards.
6. Compliance Monitoring and Inspections by POTW personnel in self-monitoring sampling.
7. Compliance Monitoring and Enforcement - industrial user file review.
8. Enforcement Actions by POTW.
9. Data management and public participation.
10. Program resources review.

The Pollution Source Compliance Section conducts Pretreatment Program Audits or Pretreatment Compliance Inspections on the majority of POTWs with a pretreatment program. Pretreatment follow-up inspections are also performed as appropriate.

The Pretreatment Program Audits are coordinated with POTW facilities whose permit expires in the forthcoming year. During the audit, the inspector observes the industrial user inspection procedures and tours the industrial facility's production process to identify sources of wastewater. A report of the findings is forwarded to the POTW for corrective actions where appropriate.

3.4 Complaint Investigations And Fish Kill Program

3.4.1. Complaint Investigations

Purpose

The primary purpose for the investigation of complaints is to determine whether or not a pollution or public health threat exists, and to require corrective action, where problems are found. Since customer service is a primary focus of the agency, complaint response receives a very high priority within the Agency.

Strategy

Field staff located in 12 district offices among our eight regions in the state provide the Department with prompt response, follow-up, and documentation of all complaints received either directly from the public or through other sources. Voluntary correction of identified problems is obtained in most cases, but necessary enforcement can be taken under the Pollution Control Act (or other applicable laws), where appropriate.

Complaint Investigation Policy

When possible, complaints should be directed to one of our 12 field offices that have jurisdiction over the county in which the complaint is noted (see table 2). Complaints received in the Central Office will be referred to the applicable Regional Director for response. Although complaint investigation and proper documentation to the file are the responsibility of the Regional Director to whom complaints are referred, Central Office assistance is available and provided upon request. Although discretion and the need for the exercise of professional judgment are recognized as key components in the investigation and documentation of complaint investigations, the following guidelines are offered with respect to proper complaint documentation:

1. All complaints shall be entered into the complaint tracking portion of the EFIS tracking system. This will provide accurate documentation of our complaint investigations.

2. A facility owner has not been legally notified of an unsatisfactory situation unless he has been notified in writing. If, in the judgment of the Regional Director, the matter investigated may result in administrative or court action by this agency, the owner is to be properly notified with a copy to our files. In instances where a magistrate's warrant to enter and inspect is issued, Department staff has no choice but to reduce the results of such inspection to writing, with a copy to the owner.

3. Many complaints, by their nature, necessitate a letter to the complainant covering the results of the Department's investigations and corrective measures taken. Copies of such letters shall be sent to the wastewater files (or appropriate program files).

4. To ensure that copies of letters and other documentation can be properly filed, they should be sent to the attention of the Water Enforcement Division, Bureau of Water.

5. Staff needs to be aware that poor or incomplete documentation will effectively prevent the Department from taking proper enforcement action.

Table 3. Office of Environmental Quality Control (EQC) District Directory

Region 1 – Anderson EQC Office (Anderson, Oconee Counties)	2404 N. Main Street Anderson, SC 29261	Phone: (864) 260-5569 Fax: (864) 260-4855
Region 1 – Greenwood EQC Office (Greenwood, Abbeville, Laurens Saluda, Edgefield, McCormick Counties)	13 South Main Street Greenwood, SC 29646	Phone: (864) 223-0333 Fax: (864) 223-6935
Region 2 – Greenville EQC Office (Greenville, Pickens Counties)	301 University Ridge, Suite 5800 Greenville, SC 29601	Phone: (864) 241-1090 Fax: (864) 241-1092
Region 2 – Spartanburg EQC Office (Spartanburg, Cherokee, Union Counties)	975 N. Church Street Spartanburg, SC 29305	Phone: (864) 596-3800 Fax: (864) 596-2136
Region 3 – Columbia EQC Office (Richland, Lexington, Newberry, Fairfield Counties)	Bldg. No. 5, PO Box 156 State Park, SC 29147	Phone: (803) 896-0620 Fax: (803) 896-0617
Region 3 – Lancaster EQC Office (Lancaster, Chester, York Counties)	2475 DHEC Road Lancaster, SC 29714	Phone: (803) 285-7461 Fax: (803) 285-5594
Mailing Address:	PO Box 100, Fort Lawn, SC 29714	
Region 4 – Florence EQC Office (Florence, Dillon, Marion, Darlington, Chesterfield, Marlboro Counties)	145 E. Cheves Street Florence, SC 29506	Phone: (843) 661-4825 Fax: (843) 661-4858
Region 4 – Sumter EQC Office (Sumter, Kershaw, Lee, Clarendon Counties)	105 Magnolia Street Sumter, SC 29151	Phone: (803) 778-6548 Fax: (803) 773-6366

Region 5 – Aiken EQC Office (Aiken, Orangeburg, Barnwell, Bamberg, Allendale, Calhoun Counties)	206 Beaufort Street, NE Aiken SC 29801	Phone: (803) 641-7670 Fax: (803) 641-7675
Region 6 – Myrtle Beach EQC Office (Horry, Georgetown, Williamsburg Counties)	927 Shine Avenue Myrtle Beach, SC 29577	Phone: (843) 238-4378 Fax: (843) 238-4518
Region 7 – Charleston EQC Office (Charleston, Berkeley, Dorchester Counties)	1362 McMillan Avenue, Suite 300 Charleston, SC 29405	Phone: (843) 740-1590 Fax: (843) 740-1595
Region 8 – Beaufort EQC Office (Beaufort, Jasper, Colleton, Hampton Counties)	104 Parker Drive Burton, SC 29906	Phone: (843) 846-1030 Fax: (843) 846-0604

3.4.2 Fish Kill Program

The Emergency Response Section, of the Bureau of Land and Waste Management, was established to respond to and coordinate emergency activities during spills and fish kills for the Office of Environmental Quality Control. The Emergency Response Section has the responsibility for emergencies related to water, air, drinking water, solid waste, waste-water, etc.

Fish kill data are collected so that the department can more easily respond to acute water quality problems. Data collected are used to help establish such trends as mismanagement of pesticide/ herbicide application, pollution sources (both point and nonpoint) and natural phenomena resulting in environmental stress. The fish kill data are available for use by other bureau's in assessing any environmentally sensitive areas, by interested citizens, and fellow agencies such as the South Carolina Department of Natural Resources.

Fish mortalities result from a variety of causes, some of natural origin and some man-induced. It is recognized that speed is all-important in the initial phases of an investigation. Therefore, a twenty-four hour, toll free, telephone number has been established for the report of fish kills. The number is 253-6488, or toll free, 1-888-481-0125. Between 8:30 a.m. and 5:00 p.m. this number is manned by personnel of the Emergency Response Section. After 5:00 p.m., the answering service intercepts all calls, and then contacts the person from the Emergency Response Section who is on call.

All fish kills should be reported initially to the Emergency Response Section via the 24-hour telephone number. The report should come to this number even if the regional EQC office is first notified of the kill. The Emergency Response Section will assist in coordinating and dispatching field investigators to the site of the fish kill.

Once a kill is reported, a team of specially trained individuals is dispatched to the site. Since there is always the possibility of legal liability associated with a kill, a carefully developed field procedure is available for immediate activation. This procedure is located in SCDHEC's *"Field Manual for the Investigation of Fish Kills"* signed and dated 5/31/01. Procedures for the response to hazardous algae blooms (HABs) and *Pfiesteria* related events are also included.

When a kill report is received, maps of the area to be investigated are consulted to determine the best access points, and to locate known industrial, municipal, and other potential sources of pollution.

A fish kill response team has been established in each of the State's twelve field offices within the eight DHEC regions. This has enhanced our response time and provided for better local co-ordination through regional personnel. We have assembled a standard fish kill kit. Each of the twelve field offices has and maintains one of these kits. Each kit consists of the following: ice chest, specimen containers, bacteriological, biological, and chemical samples containers and preservatives. In conjunction with the above, an updated procedure manual has been distributed to each regional field office as well as the South Carolina Department of Natural Resources. Fish kill training seminars have been conducted to broaden the knowledge of the investigators and the scope of the investigations.

Whenever public waters are involved, DHEC investigators should contact an official of the S.C. Department of Natural Resources to co-ordinate fish kill investigations between the two departments. The fisheries' biologist should be contacted if possible. If he is not available, a member of the law enforcement division should be called. It should be noted that the Wildlife and Freshwater Fisheries Division is restricted to freshwater fish kills, and the Marine Resources Division restricts itself to the investigation of fish kills in saline waters. Marine Resources Division is located in Charleston, South Carolina.

Whenever a fish kill is suspected to involve fertilizers, herbicides, or pesticides, an official of the Clemson University Department of Fertilizer and Pesticide Control should be contacted. DHEC personnel and Clemson personnel should perform a coordinated investigation and split samples if needed. If local Clemson officials cannot be reached, the DHEC Emergency Response Section's Fish Kill Coordinator should be contacted.

The extent of investigation of a given fish kill lies in the extent of the kill, the numbers and kinds of fish involved, and the resources available for the investigation. Following a decision to investigate, the investigation should continue until a cause is determined, or until all known potential causes have been eliminated as being implicated in the kill.

Analytical Services Division laboratories analyze all of the samples collected on fish kill investigations except for biological samples. They are alerted and given an estimate of the number and kinds of samples, and date of arrival.

All instances of fish kills are entered into the EFIS tracking system. If the cause of a kill can be determined to be man induced, a report is submitted to the Division of Water Monitoring,

Assessment, and Protection of the Department of Health and Environmental Control for enforcement action. If the cause of a kill cannot be determined after investigation of all possible sources, then the Department of Health and Environmental Control will inform these possible sources that a kill has occurred and that the Department of Health and Environmental Control will ask them to investigate further and determine if a spill may have occurred accidentally which could have caused the kill.

3.5 Public Water Systems Monitoring

The monitoring schedules and requirements are included in the National Interim Primary Drinking Water Regulations of the Safe Drinking Water Act as amended in 1986 for Phases I, II, IIB, and V. Also included in this Act are the Lead And Copper Rule, Total Coliform Rule, and the Surface Water Treatment Rule. The enclosed numbers are a summary of the required drinking water monitoring for the CY 2007. A description of the sampling compliance cycles and monitoring parameters is included to show where time and effort are focused. The waivers, scheduling, collection, shipment, and analyses are conducted by the South Carolina Department of Health and Environmental Control (Department) Bureau of Water staff, Analytical Services staff, and contracted private laboratories.

3.5.1 Microbiological

Required and Repeat Monitoring: Distribution Monitoring

The microbiological monitoring program is based on the Total Coliform Rule, which requires all federally defined public water systems to develop a self-monitoring program for their system. To be classified as a federally defined public water system, the system must meet specific criteria. This criteria are as follows:

1. A Community water system services a minimum population of twenty-five (25) year round residents, or has at least fifteen (15) service connections in use year round.

OR

2. A Non-Community Transient water system has at least 15 service connections or serves an average of 25 or more people a day, though not the same people each day (i.e. restaurants, rest stops, campgrounds).

OR

3. A Non-Community Non-Transient water system regularly serves at least 25 of the same people over six months per year (i.e. schools, factories, offices).

A State water system is defined as any water system that serves less than 15 service connections or regularly serves an average of less than 25 individuals daily. Department staff collects quarterly samples from the distribution system of this type of water system. Repeat samples are required for each total or fecal coliform positive routine sample. A set of four repeat samples must be collected for each routine total or fecal coliform positive sample.

The Department also collects, for mandated compliance monitoring, quarterly bacteriological samples from the non-community transient water systems. These samples are collected as part of the services included under the Drinking Water Fees. Repeat sample sets are collected for these systems, as required in the Total Coliform Rule (TCR). The sets consist of four samples per total or fecal coliform positive initial sample.

The Department performs oversight quarterly bacteriological sampling for all community and non-community water systems. Repeat samples are collected in the same manner as

required in the TCR. Migrant camps are monitored during the months they are in operation.

Town Surveys: Distribution Monitoring

All community drinking water systems with a population of greater than or equal to 500 must have town surveys conducted each calendar year. A town survey is a monitoring plan that covers the water distribution system. The number of samples collected on a system can range from 10 to 25. The smaller systems may be represented by a smaller number of samples, where as a larger system with miles of lines may require 25 samples to completely represent the system. If a drinking water system has two or more independent water systems under the same system number, then 10 to 25 total coliform samples will be collected from each part of the system. The samples are analyzed for total coliform, and a heterotrophic plate count. The town surveys help determine if there is an area of the system that requires more flushing of the lines or possibly a chlorine boost. There are two hundred sixty-seven (267) water systems that must have town surveys conducted annually.

Non-Routine: Distribution Monitoring of Public Water Systems

Non-routine samples are special samples that may be collected due to complaints on a public water system. Department personnel will collect bacteriological samples from residences where complaints have been filed. Also if there have been line breakages, line repairs, or extensions, samples may be collected to determine water quality and disinfection residual. Special project samples are included in the non-routine (non-required) program area. Special project samples encompass samples collected in defining an area of contamination, potential contamination, and investigations. These samples may be from public water systems or private wells.

3.5.2 Inorganic Chemicals (IOCs)

Required and Repeat Monitoring: Source Monitoring

A routine inorganic sample analysis includes the following compounds: mercury; antimony; barium; beryllium; cadmium; chromium; fluoride; selenium; arsenic, and thallium. Surface water systems must have one sample collected each year; groundwater systems must have one sample collected every three years. The current three year cycle is for CY2005 – CY2007. Any system exceeding a Maximum Contaminant Level (MCL) for any of these compounds must then complete four consecutive quarters of monitoring. These samples would fall into the "repeat" category. These samples verify the system's MCL violation. There are currently six hundred fifty-one (651) water systems which are being monitored for IOCs. There are a total of seventy-one (71) surface water sources and one thousand three hundred seventeen (1317) groundwater sources being monitored for IOCs. Currently there are approximately two hundred ninety-seven (297) sources/plants that will be monitored for IOCs during the CY2007.

Required Lead and Copper Monitoring: Source and Distribution Monitoring

Community and Non-Community Non-Transient water systems must monitor for lead and copper. Initial sampling is in the distribution system. If the initial two rounds (2 consecutive 6 month sampling periods) of sampling are below the action levels for lead (0.015 ppm) and copper (1.3 ppm), the system may be placed on reduced monitoring. Reduced monitoring is conducted during the months of June, July, August, and September. The system is required to collect half the number of samples of the initial round. Five (5) samples per system is the minimum number of samples that may be collected for initial and reduced monitoring. If three consecutive rounds of reduced monitoring for the system are below the action levels for both lead and copper, the system may be placed on the ultra reduced monitoring schedule. The systems on ultra reduced must collect a reduced sampling round once every three years. Should a water system exceed the action level for lead, copper, or both, the water system must conduct an Optimal Corrosion Control Treatment (OCCT) study. OCCT requires source monitoring for all sources within the system. A water system may continue to monitor for lead and copper during the OCCT study. If during the OCCT study period, two consecutive rounds of lead and copper monitoring are below the action levels for both lead and copper, the system may be taken off OCCT and placed on the reduced monitoring schedule.

Required Nitrate and Repeat Monitoring: Source Monitoring

Currently there are one thousand three-hundred eleven (1311) water systems that must be monitored for nitrate. There are a total of seventy-one (71) surface water sources and two thousand seventeen (2017) groundwater sources/plants that must be monitored.

Each public water system must be monitored on an annual basis for nitrate. Any system exceeding half the MCL (>5) must complete an additional four consecutive quarters of monitoring. If after the initial four quarters the detection level is less than half the MCL, the system is returned to one sample per year.

Migrant camps are monitored at the opening of each season the camp is operational.

Non-Routine/Special Projects (Investigation): Source, Distribution Monitoring

These samples are collected due to citizen complaints regarding a public water system or potential health hazard. These samples are not for compliance determination, but to help detect and correct any problem areas noted by the water systems' customers. These samples are part of the Department's public service commitment to investigate any public water complaint, and address them accordingly. Special project samples would be included in this area on investigative sampling. Compliance issues may be raised from the samples and actions taken accordingly to ensure no future problems.

3.5.3 Synthetic Organic Compounds (SOCs)

SOCs consist of forty-three (43) regulated and unregulated compounds. All community and non-community non-transient public water systems that require SOC monitoring must have the minimum number of consecutive quarters collected based on the systems population.

Once initial monitoring has been completed a system will have its schedule adjusted. If a trigger level is exceeded the system must continue with four additional consecutive quarters of monitoring until the sampling is reliably and consistently below the MCL. The State is currently on one of two different schedules: once every three (3) years for systems with a population of greater than 3300 which began on January 1, 2005 and will be completed by December 31, 2007; those systems with a population of less than 3300 are on a nine (9) year schedule which began on January 1, 2005 and will be completed by December 31, 2014. During the above two timeframes systems/sources will be monitored a minimum of once. Currently there are approximately two hundred twenty (220) sources/plants that will be monitored for SOCs during the CY2007.

3.5.4 Volatile Organic Compounds (VOCs)

VOCs consist of twenty-one (21) regulated contaminants. All community and non-transient non-community public water systems require and initial four (4) consecutive quarters of monitoring. If at the end of the four consecutive quarters of monitoring no contaminant had a reading of greater than 0.0005 mg/l then the source is placed on routine monitoring. Once initial monitoring has been completed a system will have its schedule adjusted. If a detection level is exceeded the system must continue with four additional consecutive quarters of monitoring until the sampling is reliably and consistently below the MCL. The State is currently on one of two different schedules: once every three (3) years for systems with a population of greater than 3300 which began on January 1, 2005 and will be completed by December 31, 2007; those systems with a population of less than 3300 are on a nine (9) year schedule which began on January 1, 2005 and will be completed by December 31, 2014. During the above two timeframes systems/sources will be monitored a minimum of once. Currently there are approximately two hundred twenty-three (223) sources/plants that will be monitored for VOCs during the CY2007.

Non-Routine: Source or Distribution Monitoring

All non-routine VOCs would be collected on a complaint basis or as part of an investigation. These samples may be collected in coordination with landfills, gas stations, and petroleum storage tanks. The Drinking Water Monitoring Section, the EQC District offices, and other Bureaus within the Agency may require special projects involving VOC samples to be collected and analyzed.

3.5.5 Total Trihalomethanes (TTHMs): Distribution Monitoring

Community water systems utilizing surface water in whole or in part and serving a population of 10,000 or more and adding a disinfectant (oxidant) to the water in any part of the treatment process are monitored quarterly.

In CY2004 all systems that added disinfection were required to be monitored under the Stage 1 Disinfectants and Disinfection Byproducts Rule. A third of those systems or a total one hundred eighty-seven (187) are projected to be monitored during CY2007.

3.5.6 Haloacetic Acids (HAAs): Distribution Monitoring

Community water systems utilizing surface water in whole or in part and serving a population of 10,000 or more and adding a disinfectant (oxidant) to the water in any part of the treatment process are monitored quarterly.

In CY2004 all systems that added disinfection were required to be monitored under the Stage 1 Disinfectants and Disinfection Byproducts Rule. A third of those systems or a total one hundred eighty-seven (187) are projected to be monitored during CY2007.

3.5.7 Radionuclides: Source Monitoring

Community water systems are required to monitor for radionuclides, which include gross alpha, radium-226, and radium-228. Radium-226 will be analyzed for based on the gross alpha level. Radium-228 will be monitored for all samples collected. Monitoring for radionuclides falls under the new Radionuclide rule which requires monitoring to be collected from the source rather than the distribution system. During CY2007 approximately two hundred thirty-one (231) sources/plants will be monitored.

Table 4. Projected Public Water System Sample Numbers for CY 2007

Microbiological		
1.	Required Sampling	2,800
	a. **Repeat Sampling**	560
2.	Town Surveys	3,300
3.	Non-routine Sampling	2,000
Inorganic Chemicals (IOCs)		
1.	Required Sampling	297
2.	Required Lead & Copper Sampling	3,750
	a. **Source Sampling**	20
3.	Required Nitrate	2,100
4.	Non-Routine Investigative Samples	200
Synthetic Organic Compounds (SOCs)		
1.	Benzo(a)pyrene	220
2.	Semi-Volatile/Pesticides	220
3.	Herbicides/Dalapon	220
4.	PCB/Toxaphene	220
5.	Endothall	220
6.	Carbamates	220
7.	Glyphosate	220
8.	Diquat	220
9.	EDB/DBCP	220
Volatile Organic Compounds (VOCs)		
1.	Required	223
2.	Non-Routine Samples	25
Trihalomethanes (TTHMs)		
	Required Monitoring	1600
Haloacetic Acid (HAAs)		
	Required Monitoring	1600
Radionuclides		
	Required Sampling (Alpha, Radium 226/228)	462

Appendices

J. List of Facilities Requiring Federal Compliance Sampling Inspections

by EQC Regional Office

PLANNED CSI INSPECTIONS FOR REGION 1 - ANDERSON

NPDES	NAME	TYPE
SC0000281	HONEYWELL NYLON INC/ANDERSON	IND
SC0000400	OWENS CORNING/ANDERSON PLANT	IND
SC0000477	MILLIKEN/PENDLETON FINISHING	IND
SC0000485	MOUNT VERNON MILLS/LAFRANCE	IND
SC0000515	DUKE ENERGY/OCONEE NUCLEAR	IND
SC0000591	WESTPOINT STEVENS/CLEMSON PLT	IND
SC0002291	DUKE ENERGY/LEE STEAM STATION	IND
SC0026701	MICHELIN N AMERICA/SANDY SPRGS	IND
SC0048135	SCPSA/JOHN RAINEY GEN STATION	IND
SC0023744	ANDERSON/ROCKY RIVER	MUNIS
SC0023752	ANDERSON/GENEROSTEE CREEK	MUNIS
SC0023906	WCRSA/PIEDMONT PLANT	MUNIS
SC0033553	OCONEE CO/CONEROSS CREEK WWTF	MUNIS
SC0035700	PENDLETON-CLEMSON REG. WWTF	MUNIS
SC0039853	EASLEY/MIDDLE BRANCH WWTP	MUNIS
SC0045896	BELTON/DUCWORTH (SALUDA)	MUNIS
SC0046841	WILLIAMSTON/BIG CRK E.-SALUDA	MUNIS

PLANNED CSI INSPECTIONS FOR REGION 1- GREENWOOD

NPDES	NAME	TYPE
SC0000299	MOHAWK IND/ROCKY RIVER PLANT	IND
SC0000353	MILLIKEN/ABBEVILLE PLANT	IND
SC0000396	MILLIKEN/MCCORMICK PLANT	IND
SC0020214	WARE SHOALS/DAIRY STREET	MUNIS
SC0020702	LAURENS COMM OF PW/LAURENS	MUNIS
SC0021709	GREENWOOD/WILSON CREEK WWTF	MUNIS
SC0022870	GREENWOOD/WEST ALEXANDER WWTF	MUNIS
SC0037974	LAURENS CO W&S/CLINTON-JOANNA	MUNIS
SC0040002	WCRSA/DURBIN CREEK	MUNIS
SC0040614	ABBEVILLE/LONG CANE CREEK	MUNIS

PLANNED CSI INSPECTIONS FOR REGION 2 - GREENVILLE

NPDES	NAME	TYPE
SC0000264	LIBERTY DENIM LLC	IND
SC0000302	HONEYWELL NYLON INC/CLEMSON	IND
SC0003191	MILLIKEN/GAYLEY PLANT	IND
SC0020010	CLEMSON WWTF	MUNIS
SC0024261	WCRSA/LOWER REEDY RIVER PLANT	MUNIS
SC0024309	WCRSA/TAYLORS AREA PLANT	MUNIS
SC0024317	WCRSA/GROVE CREEK PLANT	MUNIS
SC0033804	WCRSA/PELHAM WWTF	MUNIS
SC0040525	WCRSA/GILDER CREEK	MUNIS
SC0041211	WCRSA/MAULDIN ROAD	MUNIS
SC0042994	PICKENS CO/EIGHTEEN MILE CRK	MUNIS
SC0047309	WCRSA/GEORGES CREEK	MUNIS
SC0047716	PICKENS/12 MILE RV & WOLF CRK	MUNIS
SC0047856	PICKENS CO/MIDDLE REG. WWTP	MUNIS
SC0048470	WESTERN CAROLINA REG SEWER AUTH	MUNIS

PLANNED CSI INSPECTIONS FOR REGION 2 - SPARTANBURG

NPDES	NAME	TYPE
SC0001368	CONE MILLS CORP/CARLISLE PLANT	IND
SC0002798	INVISTA S.A.R.L./SPARTANBURG	IND
SC0003182	MILLIKEN/MAGNOLIA PLANT	IND
SC0003581	MILLIKEN/DEWEY PLANT	IND
SC0037826	LUBRIZOL FOAM CONTRL ADDITIVES	IND
SC0038229	NATIONAL STARCH & CHEMICAL CO	IND
SC0020427	SSSD/LAWSON FORK PLANT	MUNIS
SC0020435	SSSD/FAIRFOREST PLANT	MUNIS
SC0021300	LYMAN, CITY OF	MUNIS
SC0021601	INMAN, CITY OF	MUNIS
SC0026875	SSSD/PAGE CREEK WWTP	MUNIS
SC0031551	GAFFNEY/CLARY WWTF	MUNIS
SC0045624	SSSD/COWPENS-PACOLET RIVER	MUNIS
SC0046345	GREER/MAPLE CREEK PLANT	MUNIS
SC0047091	GAFFNEY/PEOPLES CRK-BROAD RV.	MUNIS
SC0047244	UNION/TOSCH'S CREEK WWTP	MUNIS
SC0047732	SSSD/S. TYGER RV REGIONAL WWTP	MUNIS
SC0048143	SSSD/LOWER N TYGER RIVER WWTP	MUNIS

PLANNED CSI INSPECTIONS FOR REGION 3 - LANCASTER

NPDES	NAME	TYPE
SC0001015	BOWATER INC/COATED PAPER DIV	IND
SC0001783	CELANESE ACETATE LLC/CELRIVER	IND
SC0003255	SPRINGS IND/GRACE COMPLEX	IND
SC0004278	DUKE ENERGY/CATAWBA NUCLEAR	IND
SC0020371	FORT MILL WWTF	MUNIS
SC0020443	ROCK HILL/MANCHESTER CREEK	MUNIS
SC0021211	GREAT FALLS WWTF	MUNIS
SC0036056	CHESTER/ROCKY CREEK PLANT	MUNIS
SC0036081	CHESTER/SANDY RIVER WWTF	MUNIS
SC0038156	YORK/FISHING CREEK WWTF	MUNIS
SC0046892	LANCASTER/CATAWBA RIVER	MUNIS
SC0047864	LANCASTER CO/INDIANLAND WWTP	MUNIS

PLANNED CSI INSPECTIONS FOR REGION 3 -COLUMBIA

NPDES	NAME	TYPE
SC0001848	WESTINGHOUSE ELEC LLC/COLUMBIA	IND
SC0002038	SCE&G/WATEREE STATION	IND
SC0002046	SCE&G/MCMEEKIN STEAM STATION	IND
SC0003557	HONEYWELL INTNL/COLUMBIA SITE	IND
SC0030856	SCE&G/V C SUMMER NUCLEAR STAT	IND
SC0038121	INTERNATIONAL PAPER/EASTOVER	IND
SC0020125	WINNSBORO/JACKSON CREEK PLANT	MUNIS
SC0020940	COLUMBIA/METRO PLANT	MUNIS
SC0022390	WHITMIRE, TOWN OF	MUNIS
SC0024147	CAYCE WWTF	MUNIS
SC0024465	BATESBURG-LEESVILLE WWTF	MUNIS
SC0024490	NEWBERRY/BUSH RIVER WWTF	MUNIS
SC0026735	LEXINGTON/COVENTRY WOODS SD	MUNIS
SC0038865	EAST RICH CO PSD/GILLS CREEK	MUNIS
SC0040631	CHAPIN, TOWN OF	MUNIS
SC0046621	RICHLAND CO/BROAD RIVER WWTF	MUNIS

PLANNED CSI INSPECTIONS FOR REGION 4 - FLORENCE

NPDES	NAME	TYPE
SC0000876	STONE CONTAINER/FLORENCE	IND
SC0002151	DELTA MILLS/PLANTS 2 & 3	IND
SC0002704	GALEY & LORD/SOCIETY HILL	IND
SC0002917	DUPONT TEIJIN FILMS/FLORENCE	IND
SC0002925	CAROLINA POWER/H B ROBINSON	IND
SC0003042	SONOCO PRODUCTS/HARTSVILLE	IND
SC0004162	WELLMAN INC/PALMETTO PLANT	IND
SC0042188	WEYERHAEUSER CO/MARLBORO MILL	IND
SC0020249	CHERAW WWTF	MUNIS
SC0021580	HARTSVILLE WWTF	MUNIS
SC0021776	DILLON/LITTLE PEE DEE	MUNIS
SC0025178	BENNETTSVILLE WWTF	MUNIS
SC0025356	TIMMONSVILLE, TOWN OF	MUNIS
SC0025933	JOHNSONVILLE/EAST PLANT	MUNIS
SC0029408	MULLINS/WHITE OAK CREEK WWTF	MUNIS
SC0039624	DARLINGTON/BLACK CREEK WWTF	MUNIS
SC0045462	FLORENCE/PEE DEE RIVER PLANT	MUNIS
SC0046230	MARION/S. MAIN ST. WWTF	MUNIS
SC0046311	LAKE CITY/LAKE SWAMP WW PLANT	MUNIS
SC0025402	LATTA, TOWN OF	MUNIS

PLANNED CSI INSPECTIONS FOR REGION 4 - SUMTER

NPDES	NAME	TYPE
SC0000795	GOLD KIST POULTRY PROCESSING	IND
SC0001341	BBA FIBERWARE/BETHUNE	IND
SC0002518	DEROYAL TEXTILES	IND
SC0002585	INVISTA S.A.R.L./CAMDEN	IND
SC0002682	CLARIANT LSM (AMERICA) INC	IND
SC0023264	KAWASHIMA TEXTILE USA INC	IND
SC0020419	MANNING WWTF	MUNIS
SC0021032	CAMDEN WWTF	MUNIS
SC0027707	SUMTER/POCOTALIGO RIVER PLANT	MUNIS
SC0035378	BISHOPVILLE, TOWN OF	MUNIS
SC0039870	KERSHAW COUNTY/ LUGOFF	MUNIS

PLANNED CSI INSPECTIONS FOR REGION 5 - AIKEN

NPDES	NAME	TYPE
SC0000175	US DOE/SAVANNAH RIVER SITE	IND
SC0000574	SCE&G/URQUHART STEAM STATION	IND
SC0000582	KIMBERLY-CLARK/BEECH ISLAND	IND
SC0001180	ALBEMARLE CORP/ORANGEBURG	IND
SC0001333	VORIDIAN/COLUMBIA	IND
SC0003093	MILLIKEN/BARNWELL PLANT	IND
SC0042803	CLARIANT CORP/MARTIN PLANT	IND
SC0043419	VELCOREX INC	IND
SC0047431	SCE&G/D-AREA POWER HOUSE	IND
SC0024457	AIKEN PSA/ HORSE CREEK WWTF	MUNIS
SC0024481	ORANGEBURG WWTF	MUNIS
SC0039918	ALLENDALE WWTF	MUNIS
SC0047872	BARNWELL, CITY OF WWTF(NEW)	MUNIS

PLANNED CSI INSPECTIONS FOR REGION 6 – MYRTLE BEACH

NPDES	NAME	TYPE
SC0000868	INTERNATIONAL PAPER/GEORGETOWN	IND
SC0001104	SCPSA/GRAINGER GENERATING STAT	IND
SC0001431	ISG - GEORGETOWN	IND
SC0022471	SCPSA/WINYAH STEAM STATION	IND
SC0036111	3V INC	IND
SC0021733	GSW&SA/CONWAY WWTP	MUNIS
SC0022152	N MYRTLE BEACH/OCEAN DRIVE	MUNIS
SC0022161	N MYRTLE BEACH/CRESCENT BEACH	MUNIS
SC0035971	KINGSTREE, TOWN OF	MUNIS
SC0037753	GSW&SA/SCHWARTZ PLANT	MUNIS
SC0039039	MYRTLE BEACH/WTR RECLAMATION	MUNIS
SC0039951	GCW&SD/PAWLEYS AREA WWTP	MUNIS
SC0040029	GEORGETOWN, CITY OF WWTP	MUNIS
SC0040959	GCW&SD/MURRELLS INLET WWTF	MUNIS
SC0041696	GSW&SA/GEORGE R VEREEN WWTP	MUNIS

PLANNED CSI INSPECTIONS FOR REGION 7 - CHARLESTON

NPDES	NAME	TYPE
SC0000990	CHARGEURS WOOL (USA) INC	IND
SC0001091	SCPSA/JEFFERIES GEN STATION	IND
SC0001759	MEADWESTVACO SOUTH CAROLINA	IND
SC0003441	SUN CHEMICAL CORPORATION	IND
SC0003883	SCGENCO/A M WILLIAMS STATION	IND
SC0026506	DAK AMERICAS LLC/COOPER RIVER	IND
SC0028584	BP AMOCO CHEMICALS/COOPER RIVR	IND
SC0037401	SCPSA/CROSS GENERATING STATION	IND
SC0038555	SHOWA DENKO CARBON	IND
SC0047392	NUCOR STEEL/BERKELEY PLANT	IND
SC0021229	CHARLESTON CPW/PLUM ISLAND	MUNIS
SC0021598	MONCKS CORNER WWTF	MUNIS
SC0024783	NCSD/FELIX C DAVIS WWTP	MUNIS
SC0037541	SUMMERVILLE WWTF	MUNIS
SC0038822	DORCHESTER CO/LOWER DORCHESTER	MUNIS
SC0040771	MT PLEASANT/CENTER ST & RR RD.	MUNIS
SC0046060	BCW&SA/LOWER BERKELEY WWTF	MUNIS

PLANNED CSI INSPECTIONS FOR REGION 8 - BEAUFORT

NPDES	NAME	TYPE
SC0000914	NUFARM SPECIALTY PRODUCTS INC	IND
SC0001830	NEVAMAR COMPANY LLC	IND
SC0002020	SCE&G/CANADYS STATION	IND
SC0021016	BJW&SA/SOUTHSIDE WWTP	MUNIS
SC0021318	HAMPTON, TOWN OF	MUNIS
SC0034584	BJW&SA/HARDEEVILLE CHURCH RD	MUNIS
SC0040436	WALTERBORO WWTF	MUNIS
SC0042501	SOUTH ISLAND PSD	MUNIS
SC0046191	HILTON HEAD NO 1 PSD WWTP	MUNIS
SC0047279	BJW&SA/OKATIE WTR RECLAM FAC	MUNIS
SC0048348	BJW&SA/PORT ROYAL WTR RECL FAC	MUNIS

4.0. PROGRAM EVALUATION AND PLANNING

The South Carolina ambient monitoring strategy as described in this document represents a comprehensive approach to address the goals and objectives discussed in Section 1. The Strategy is updated each year where every program area contained in this strategy is reviewed, evaluated, and updated to insure new initiatives and emerging issues are identified and appropriately addressed. Although this strategy satisfies these goals and objectives, there are additional activities that could be incorporated to provide more enhanced information. These enhancements are not necessary to meet the minimum goals and objectives, but are considered desirable improvements should resources be available. Funding for such program enhancements is beyond the direct control of SCDHEC. The following sections list some of these enhancements by currently perceived priority and estimates of associated staff and funding requirements for implementation. These would be implemented in this priority order over a timeline of the next ten-years if new funds become available.

4.1 Programmatic Evaluation

General desired program enhancements, in order of general priority, include:

1.) Additional personnel for environmental data handling and processing for various reporting and programmatic requirements:

- Full-time staff dedicated to develop and manage the flow of all data, including phytoplankton, macroinvertebrate, and fish tissue, from field sample collection to STORET.
- Full-time staff dedicated to develop and manage a distributed, user friendly, data access and retrieval application of all data from STORET, through data analysis, to necessary summary statistics for reporting purposes.
- Database coordinator for STORET, ADB, and GRTS to support monitoring, assessment, Integrated Report, and 319 reporting.
- Full-time staff dedicated to annual probability-based monitoring site selection and documentation.

2.) Additional biological assessment capabilities:

- More biologists to develop and implement non-wadeable stream macroinvertebrate community methods.
- More biologists to develop and implement non-wadeable stream fish community methods and implement wadeable stream fish IBI assessments.
- More biologists to develop and implement periphyton community assessment methods, for the purposes of both aquatic community health assessment and as an aid in the development of freshwater stream nutrient criteria.
- More biologists to improve the quantity and quality of the phytoplankton and chlorophyll programs.
- More biologists to conduct more wadeable stream macroinvertebrate assessments.

- More biologists to increase the number of fish tissue samples collected and processed.
- Additional biological laboratory space.
- Additional laboratory and field equipment for biological programs.

3.) At least one additional stream monitoring person per regional laboratory office to support and maintain current program needs.

4.) Development of clean metals collection and analysis capabilities:

- Construction of facility
- Laboratory staff and equipment to establish and operate clean metals analysis.
- More monitoring staff to implement clean metals collection at current monitoring program metals sampling levels.

5.) Laboratory staff and equipment to analyze more fish tissue samples and to analyze each sample for additional contaminants.

6.) Staff for implementing an ambient wetlands monitoring program.

4.2 General Support and Infrastructure Planning

This table lists the FTE and associated costs to implement the additional monitoring program enhancements discussed above.

Program Element	FTE Needs	Estimated Funding Needs
1. Environmental data handling	4	$138,856
2. Biological assessment	8	$446,256
3. Additional stream monitoring personnel	8	$326,028
4. Clean metals collection and analysis	5	$207,025 for personnel, $567,000 to construct a clean laboratory, $200,000 annual operating expenses
5. Laboratory staff	2	$103,149
6. Staff for ambient wetlands monitoring	6	$309,447

D H E C
PROMOTE PROTECT PROSPER
South Carolina Department of Health and Environmental Control

Bureau of Environmental Services
Office of Quality Assurance
8500 Farrow Rd., Bldg # 9, State Park, S.C. 29147
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Date: **February 23, 2007**

To: **David Wilson, Chief**
Bureau of Water

From: **Nydia F. Burdick, M.S.** Nydia F Burdick
Office of Quality Assurance

Subject: **QA Review of the State of South Carolina Monitoring Strategy, 2007**

The Office of Quality Assurance has reviewed the State of South Carolina Monitoring Strategy for the calendar year 2007 as submitted to our office on February 21, 2007. The review was based on elements cited in the EPA Requirement for QA Project Plans (QA/R-5, 2001).

It is the opinion of this office that the contents of this document in conjunction with applicable laboratory and field SOPs; meet the requirements of a Quality Assurance Project Plan. All applicable QAPP elements were present and satisfactorily addressed.

Please accept this letter as full approval by the Office of Quality Assurance to commence monitoring as outlined in the plan. As with any QAPP, any changes to the monitoring strategy must be approved through the QA Office prior to implementation.

Please let me know if our office can be of further assistance.

cc: Marilyn Thornton, EPA Region IV
R. Wayne Davis, BES
David Baize, BOW
David Chestnut, BOW